Administration Report
of the
Municipal Commissioner
Bombay
1909-10 & 1910-11

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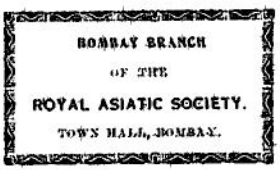

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ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1909-10.

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BOMBAY:
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PART I.

Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1909-10.

Corporation and Standing Committee.

Mr. Jaffer Rahimtoola, B.A., Bar.-at-Law, was President of the Corporation and the Hon'ble Sir Sassoon David, Kt., Chairman of the Standing Committee for the year.

2. 47 Meetings were held by the Corporation and 53 by the Standing Committee. There were besides 118 Meetings of Committees of the Corporation and 50 Meetings of Sub-Committees of the Standing Committee.

3. His Excellency Lord Minto, Viceroy and Governor-General of India, visited the City in November 1909 and was pleased to receive an address from the Corporation at the Town Hall.

Commissioner.

4. Throughout the year Mr. W. D. Sheppard, I.C.S., continued to hold the office of Municipal Commissioner for the City of Bombay.

FINANCIAL.

GENERAL.

5. The general financial position of the Corporation continues to be satisfactory, although the net result of the transactions for the year was a deficit of Rs. 1,83,186. This was met from the Surplus Cash Balance so that the year closed with a working Cash Balance of Rs. 21,96,540 against Rs. 23,13,438 with which it opened. Included in this balance was a sum of Rs. 5,67,953 reserved for renewal of lapsed grants for the previous years so that the actual Surplus Cash Balance at the close of the year amounted to Rs. 16,28,586 against Rs. 16,01,099. Excluding from this balance the sum of Rs. 8,35,000 reserved for payment to the City of Improvement Trust and Rs. 1,00,000 required to be reserved under the Municipal Act, the Chief Accountant points out that the real Surplus Cash Balance unhypothecated to any purpose amounted at the close of the year to Rs. 6,93,586 only. This, however, is very much larger than what was expected to be realized during the pendency of the year, having exceeded the original estimate by Rs. 3,38,915 and the revised estimate by Rs. 4,48,585 due principally to a further substantial rise in the annually growing revenues of the Municipality which brought in Rs. 3,53,864 more than the original estimate. This indicates once more the vitality of the stable sources of revenue. The assets exceeded the liabilities by Rs. 2,26,09,239, aggregating Rs. 8,03,31,656 against the gross liability of Rs. 5,77,22,417. With this substantial balance in favour of the assets, which marks an increase of Rs 24,93,675 on the preceding year, and an appreciable reserve in the taxing capacity of the Municipality the financial stability of the Municipality is sufficiently guaranteed.

6. But while the stability of the general financial position of the Municipality is unquestionably assured, there has been a marked upward trend in the expenditure for the past few years which has been a source of anxiety to the Standing Committee for some time and to which pointed attention has been drawn by them in successive reviews of the Administration Reports since the year 1907-08. So long as the income advanced with stationary rates of taxation faster than the expenditure, there was sufficient justification for allowing the normal expenditure to trench upon the balances, but as soon as it was observed that that cycle was drawing to a close a policy of caution to conserve the balances was advocated and emphasized by the Committee in the last two reviews. It will be futile now merely to reiterate the same advice as the balances have already been reduced to an amount scarcely commensurate with the requirements of a Municipality that has to finance an annually growing expenditure verging on a crore and a quarter. The Chief Accountant, moreover, computes the permanent expansion in the income at Rs. 2,75,000 only against an increase of Rs. 6,40,000 in the recurring expenditure following on an increase of Rs. 5,00,000 in the preceding year. It is, therefore, time efforts are made to restore the equilibrium and to put the Municipal finances on a sounder footing.

7. It is for consideration whether this object can be attained by retrenching the growing expenditure without impairing efficiency or whether it will be necessary to have the sources of income augmented. As regards expenditure, the Committee believe that the recent heavy increases in respect of additional staff have been warranted by the pressing requirements of this growing City. Nevertheless it may be found possible to so revise the present system of working the different departments as to lead to economy compatible with efficiency. For instance, it may be considered whether the Municipality should continue to incur all the heavy expenditure at present borne by it on the collection of revenue from the property taxes and whether the owners of properties cannot be called upon to make their own arrangements for remitting the amounts of taxes to the Municipality just as they are required to do in the case of bills payable to the Collector of Bombay and just as they do in the case of bills other than those in respect of property taxes due to the Municipality. Besides effecting savings such a system would minimise all chances of defalcations not uncommon in the past and might eventually place the Municipality in a position to allow small rebates to the rate-payers for the slight trouble they might be put to under the proposed arrangement. It may also be considered whether the question of amalgamating certain departments could not now be successfully tackled in view of the fact that certain departments have been recently re-organized and strengthened and may feel competent to undertake additional duties which they were not strong enough to take up before. How far Revenue Audit can now be transferred to the Accounts Department, the duties of the License Department to the Health Department, of the Stationery Branch to the Stores Department and of the Printing Branch to the Departments concerned, subject to the audit of the Chief Accountant, are questions which may repay consideration both from the point of view of efficiency as well as economy. Again by following up the results of the Chief Accountant's Test Audit of the spending departments it may be possible to provide adequate safeguards against lavishness and irregularities in regard to contract and departmental works. The annual indefinite expenditure on street improvements might also be reduced. Under the system now in force properties falling within the regular lines of streets are acquired systematically, irrespective of cost which during the past 6 years amounted to over Rs. 23 lakhs. In view of the fact that the ratepayers are called upon to contribute as much as eight lakhs and a half towards the expenditure on the improvement of the City by a separate body specially created for the purpose, there is no reason why this additional expenditure

of 4 lakhs on street improvements should not be considerably curtailed. At the same time, opportunities for effecting street improvements as they arise from time to time cannot be altogether foregone and the prospects of improvement indefinitely deferred. Judicious limitations have to be prescribed and the legal difficulties in arriving at an equitable basis of compensation for acquired properties have to be reckoned with. These questions have been now engaging the attention of a Committee of the Corporation and it may be hoped a satisfactory policy will soon be evolved.

8. As regards revenue, the Committee are inclined to believe that if the expenditure is judiciously kept under control and if an equitable understanding can be arrived at with Government as to the respective liabilities of the General and the Local Tax-payers to provide funds for the improvement of the City, the present powers of taxation ought to suffice for years to come. The permanent sources of revenue, *viz.*, the property taxes, which are the best criteria of the financial stability of the Municipality have, happily, yet maintained their elasticity and the revenue from these sources is yet capable of considerable expansion. With the completion of the Docks and the projected schemes for improvements a further impetus will be given to building operations. These and a thorough revision of the assessment of mills, railways and Government properties, now in hand, will contribute to a further improvement in the rateable assessment of properties. Should it, however, be at all deemed necessary to have recourse to additional powers of taxation, opportunity may be taken to consider how Municipal taxation should be so adjusted as not to press with undue severity on any particular class or classes of rate-payers. For instance, with a view not to overtaxing real property and accentuating the housing problem, it may be considered whether personal property, heretofore exempt from Municipal taxation, should not be made to contribute something directly to the income of the Municipality, especially in view of the additional liabilities taken up by the Municipality such as education and medical relief, not to mention the burden imposed upon it in respect of City Improvement, towards the cost of which it is evidently not equitable to call upon real property solely or even mainly to contribute.

Income.

9. In view of the steady growth in expenditure and the shrinkage of cash balances referred to in the foregoing paragraphs the General Tax had to be levied at 9¼ per cent., making with the Fire Tax at ⅝ per cent. a total of 9¼ per cent. against the rate of 8⅝ per cent. prevailing in the previous year. The Water Tax continued to stand at 3½ per cent. but the rates of annas 10 and annas 9½ per 1,000 gallons charged respectively to Railways and the Port Trust were reduced to annas 9. The original Budget Estimate of Income was Rs. 1,08,60,000. This was, however, exceeded by Rs. 3,53,864, giving a total income of Rs. 1,12,13,864 against Rs. 1,02,86,048 in the previous year. The principal items accounting for these variations between the estimates and the actuals are the following :—

(1) Increase of Rs. 1,06,788 in the receipts from the Water Tax due to defective information available at the time of framing the estimates; (2) Increase of Rs. 56,553 under "Wheel Tax and Tolls" owing to the dues for 1910 in respect of Victorias having been paid earlier than usual during the last quarter of the year under review; (3) Increase of Rs 35,393 under contribution from Municipal servants towards Pension, &c., Fund due to an adjustment of contributions recovered from the temporary staff of the Health Department consequent on its amalgamation with the permanent staff; and (4) Increase of Rs. 73,491 in the ever fluctuating receipts from Town Duties.

10. It is gratifying to note that the position of the Municipality as regards the stable sources of revenue, *viz*, General, Water and Halalkhore Taxes, continues to be satisfactory. The Chief Accountant has furnished a

very useful statement comparing the receipts from these sources during the year 1908-09 and 1909-10 according to the Assets and Liabilities system of accounts from which it appears that had the rates of taxation been the same as in the year 1908-09 the income from Property Taxes would have amounted to Rs. 67,34,656 in the year of report against Rs. 64,73,487 realized in the year previous, giving a total expansion in revenue of Rs. 2,61,168.

Incidence of Taxation.

11. The incidence of taxation rose from Rs. 8-14-11 in the previous year to Rs. 9-13-5 in the year of report. How, owing to the general appreciation of land in this City, the Incidence of Taxation shows a steady increase, irrespective of reductions in the rate of taxation, will be seen from the following table for the last septennium :—

Year.	Rate of the General Tax.	Incidence of Taxation according to the census of 1901.	Incidence of Taxation according to the census of 1906.
		Rs. a. p.	Rs. a. p.
1903-04	10¼%	9 6 11	7 7 9
1904-05	10½%	10 6 9	8 4 4
1905-06	9%	10 0 6	7 15 5
1906-07	9%	10 11 3	8 7 10
1907-08	8⅜%	10 14 5	8 10 5
1908-09	8⅝%	11 4 1	8 14 11
1909-10	9½%	12 6 4	9 13 5

Expenditure.

12. The total expenditure for the year reached the record figure of Rs. 1,13,97,050, indicating an advance of Rs. 7,66,924 over the already very heavy and unprecedented outlay for the previous year. Some of the factors contributing to this enhancement were, however, abnormal and non-recurring, such as grain compensation which accounts for an increase of Rs. 1,56,518, writing off of the loss sustained on account of the sale of stores to the extent of Rs. 61,555 and arrears of rent payable to Government amounting to Rs. 13,296. Eliminating these casual charges the Chief Accountant computes the permanent increase in expenditure at Rs. 6,40,000 as under :—

	Rs.
General Supervision	20,000
Assessment and Collection	10,000
Fire Brigade	7,000
Public Gardens	2,000
Public Works	81,000
Health Department	40,000
Contribution to the C. I. Trust	3,30,000
Education	20,000
Local Allowances	60,000
Debt	70,000
Total Rs. ...	6,40,000

13. Following closely on the permanent increase of Rs. 5 lakhs in the preceding year, this large increase indicates a rapid organic growth in the recurring expenditure of the Municipality. It is important to note that during the last quinquennium the expenditure has advanced by 28 lakhs,

whereas during the quinquennium preceding it was practically stationary. The subjoined table will indicate the different stages of this phenomenal growth :—

Year.	Total Expenditure.
1900-01	85,84,058
1901-02	82,26,458
1902-03	84,53,398
1903-04	84,31,390
1904-05	85,91,618
1905-06	93,74,242
1906-07	95,20,790
1907-08	1,01,89,201
1908-09	1,06,30,126
1909-10	1,13,97,050

14. No doubt the income has kept pace with this growing expenditure in the past and may be expected to maintain its elastic character. But its present rate of expansion falls far below the recent rate of enhancement in expenditure. Moreover, several costly schemes for the necessary improvements in the drainage and water supply of the City are now under consideration which will necessitate the raising of loans exceeding a crore of rupees and heavy Interest and Sinking Fund Charges in respect of those loans will have to be included in the normal expenditure in future. This being the situation, the necessity for scrutinising with special jealousy all proposals for further increases cannot be too strongly emphasized and the Committee are glad to notice from the report under review that very decided efforts are being made by the Commissioner to arrest as much as possible the further growth of expenditure.

15. *Lapsed Grants.*—Out of the total sanctioned grants for expenditure aggregating Rs. 1,21,36,875 a balance of Rs. 7,39,825 remained unexpended at the close of the year. Of this Rs. 5,67,953 required renewal for expenditure in 1910-11, leaving a saving of Rs. 1,71,872. The amount which required renewal shows a decrease of Rs. 1,44,385 as compared with the amount for the previous year, the percentage of renewed grants to grants allotted showing a very satisfactory decrease, being 4·67 against 6·18, 7·2, 6·38 and 6·84 respectively in the years previous. It may be hoped it will be possible to effect a still more appreciable improvement with the co-operation of the spending departments.

16. *Capital Debt*.—The 15 lakhs loan for Street Improvements and the first instalment of Rs. 15 lakhs for the 30 lakhs loan for the acquisition of sites for the construction of overbridges in the City having been raised during the year of report and Rs. 1,14,734 having been repaid towards the reduction of debt, the total Capital Debt of the Corporation stood at Rs. 5,49,08,205 against Rs. 5,20,22,938 in the year previous. Against this the total Sinking Fund Investments aggregated Rs. 94,39,637, leaving a net debt liability of Rs. 4,54,68,568. From the Statement furnished by the Chief Accountant showing the book and market value of the securities in which the Sinking Funds were invested at the close of the year it appears that the Sinking Funds are placed on a thoroughly sound basis.

17. *Loan Works Expenditure.*—The total outlay on Loan Works aggregated Rs. 21,85,806 against Rs. 16,84,141 in the preceding year, the increase being principally under Roads and Overbridges and Water Works.

18. *Plague Expenditure.*—There was a decrease of Rs. 22,413 in the expenditure on plague operations which amounted to Rs. 2,00,915 against Rs. 2,23,328. The decrease is however not real. The actual liabilities incurred during the year amounted to more than the charges booked and the Corporation had to sanction subsequently an additional grant of Rs. 31,000 to meet excesses in the provisions in respect of camps, disinfectants, rat destruction, plague allowances to employes removing from infected areas to healthy localities, etc. The total outlay on plague measures from the out-break of plague up to the close of the year under review amounted to Rs. 72,31,313.

19. *Stores Audit.*—The Stores in stock on the last day of the year were valued at Rs. 6,58,863 against Rs. 6,63,596 at the close to the preceding year. Of this Rs. 45,050 represents the value of Surplus and Obsolete Stores which shows a reduction of Rs. 13,081 compared with the balance in hand on the last day of year previous.

20. *Test Audit.*—No Test Audit of the Stores Department is reported to have been made during the year. The Standing Committee would have liked to know the reason why this important and useful audit was discontinued. The Municipal Commissioner will, no doubt, look into the matter. The Standing Committee have repeatedly urged that this useful scrutiny should be vigorously carried out and extended to the different departments. Before the year 1907-08 it was confined to the Stores Department only. It was then extended to the Road Repairs Accounts of the Executive Engineer's Department and during the year of report it was confined to the same branch of the Engineering Department including road watering expenditure. Sixty-eight reports were made and the results may be summed up in the following words of the Chief Accountant :—

"The test audit has revealed many minor irregularities, indicating laxity of supervision and improper charges in the expenditure returned, especially in the employment of coolies and night watchmen . . . . . The rate of road repairs per 100 sq. feet was found to vary very considerably in different wards as also the cost of depôt coolies to materials handled. A scale for payment for cartage on a Standard basis has been suggested and a reduction in the sums spent on night watchmen is considered feasible. Material depôts are now being formed close to the works thus reducing unnecessary expenditure on cartage and depôt coolies. An examination of the expenditure on road watering, which has advanced considerably of late years, has led to the conclusion that very possibly the outlay in this direction can also be reduced. A test audit of the Maintenance Branch of the Water Works Department brought out grav e irregularities. Matters are being placed on a satisfactory footing and a saving of about Rs. 10,000 per annum will result."

These findings justify the institution of the test audit and emphasize the necessity for its extension in other directions.

21. Before concluding their remarks on the financial transactions of the year of report the Standing Committee think it necessary to call attention once again to the fact that a systematic re-valuation of the assets of the Municipality is imperative. Whilst the liabilities of the Municipality can be correctly estimated the accuracy of the valuation of the assests as given in the Accounts cannot be guaranteed. Attention was drawn to this fact by the Chief Accountant in his reports for the years 1897-98 and 1900-01 and also by the Standing Committee in their review of the Administration Report for the year 1906-07. An additional staff costing Rs. 4,000 was asked for by the Executive and the Corporation were recommended by the Standing Committee in March 1909 to sanction the expenditure. Sanction was however not accorded and the question remains *in statu quo.*

Assessment and Collection of Taxes.

22. During the year of report there was an increase of 572 in the number of properties on the Assessment Book which rose from 59,317 to 59,889. The number of properties exempted from the General Tax as being

of insignificant value was increased to 7,925 in the year of report from 7,547 in the year previous, whereas the number of properties exempted under Section 143 of the Municipal Act was reduced from 3,419 in the preceding year to 2,451 in the year of report. In addition to these 1,387 Municipal properties were not assessed under Section 143 of the Municipal Act. The total number of properties assessed to the General Tax fell in consequence from 48,351 in the year previous to 48,126.

23. The year under review witnessed a further rise of over 23 lakhs in the rateable assessment of properties which amounted to Rs. 4,45,13,209 against Rs. 4,22,01,034 in the year previous. Opening with a gross assessment of Rs. 4,85,20,049 the year closed with an assessment of Rs. 4,94,44,987. The complaints against assessment numbered 5,013 against 4,576 in the preceding year and there were 16 appeals against 14 in the previous year. Of these 9 were settled by consent, in one case the principle of assessment was upheld although the value of land was reduced by the Court, and the remaining six were pending at the close of the year.

24. Inclusive of demands in respect of previous years amounting to Rs. 30,656 the total demand on account of property taxes amounted to Rs. 72,13,108, showing an increase of Rs. 7,26,049, over the demand for the preceding year. The drawback allowed during the year was Rs. 35,023 against Rs. 28,050 during the twelve months previous.

25. The actual receipts from the General Tax amounted to Rs. 39,69,083 against Rs. 32,94,871, giving an increase of Rs. 7,74,212 due partly to the tax being raised from 8¾ to 9½ per cent. in the year of report and partly to the steady appreciation in the rateable value of properties. Despite the fact that the Water Tax continued to stand at 3½ per cent. and the rates charged to the Railways and the Port Trust were reduced from annas 10 and annas 9½, respectively, to annas 9 per 1000 gallons the Water Charges (inclusive of compounded charges, water rate by meter measurement and other miscellaneous water works receipts) brought in Rs. 20,11,788 against Rs. 20,04,188 and the proceeds from the Halalkhore Tax (inclusive of charges for special service) aggregated Rs. 11,92,345 against Rs. 11,19,222 for the year 1908-09.

26. There was an increase of Rs. 30,196 in the receipts from the Wheel Tax which amounted to Rs. 4,81,486 (exclusive of Rs. 20,066 realized from the right of collecting tolls at the Mahim and Sion Causeways) against Rs. 4,57,290 in the preceding year. As already explained this increase is due to early payment, during the last quarter of the year under review, of dues on account of licenses for Victorias for the year 1910. Of the 4,451 vehicles taxed during the year, 432 were motor cars against 379 and 629 cycles against 719 in the previous year. The question of abolishing the tax on cycles is still pending before Government.

27. The net revenue from Town Duties shows an advance of Rs. 39,937 over the preceding year. The total collections for the year amounted to Rs. 29,29,530 against Rs. 27,26,192. There was at the same time an increase of Rs. 1,63,401 in the refunds allowed in respect of goods exported so that the total net revenue for the year stood at Rs. 13,63,119 against Rs. 13,23,182 in the year previous. It is not unlikely that part of the receipts in respect of sugar imported during the year may have to be refunded on export during the current year. Nevertheless it is gratifying to see this ever fluctuating source of revenue maintaining the level attained by it since the institution of Municipal check over certificates of exports. The scheme sanctioned by the Corporation for tentatively introducing a system of marking departmentally every package of sugar after its importation and before its clearance from the Docks could not be brought into operation

during the year of report but the rules for the working of the new system have since been formulated and the Committee will now await with interest the inauguration of the new system.

Public Works.

28. *General Branch.*—The new works carried out by the General Branch of the Executive Engineer's Department were mostly of a minor character. Out of 132 sanctioned new works 24 were not proceeded with at all for various reasons. The Committee trust the works in connection with the construction of buildings for Primary Schools and the construction of an open drain from the top to the bottom of the ravine on the western side of Malabar Hill Reservoir will now be vigorously pushed forward.

29. *Drainage.*—The engines and pumps at the Love Grove Pumping Station and the Machinery at the Colaba and Love Grove Air Compressor Stations and the several Ejector Stations worked satisfactorily. Considerable trouble was however experienced after the close of the monsoon in keeping in order the pump valves at the Love Grove Pumping Station owing to the presence of Kerosene oil in the sewage which caused rapid deterioration of the rubber faces of the valves. The presence of this oil has not been satisfactorily accounted for, but it is believed to be in some measure due to leakage from the pipe line from the oil pier at Mody Bunder to the Sewree Bulk Oil Installation. The pipe is under renewal by the Port Trust and it is hoped there will be no further trouble under this head.

30. The works in conection with the Malabar Hill Sectional Sewerage Works and the extension of the Low Level Channel No. II from DeLisle Road to Dadar Road were completed during the year. Storm-water drains were laid in Mayo Road, New Parbhadevi Road, DeLisle Road, north of Arthur Road, Khetwadi Back Road, Thakurdwar Road at its junction with Girgaum Road, Foras Road and Parel Road. Very satisfactory progress was made with the work of laying an additional pipe sewer in DeLisle Road north, an extra Ejector Station at the DeLisle Road Level Crossing and larger ejectors in the Colaba Sub-Districts Nos. III and IV. The works of laying a new Ejector Station, diverting the old sewage main and pipe sewers and laying new pipe sewers and constructing storm water drains in connection with the New Elphinstone Road Overbridge were in hand. Satisfactory progress was also made in connection with the new cooling tanks at Love Grove and the supply and erection of new pumping machinery and plant for the Love Grove Pumping Station. The works in connection with the provision of screening and detritus chambers and a preliminary survey of the sea-bed at the site of the proposed new out-fall were taken in hand at the close of the year. A grant of Rs. 12,400 was sanctioned by the Corporation in March 1909 for the conversion of two of the existing steam driven air compressor engines into electrically driven compressors with a power supply from the Bombay Electric Supply and Tramways Company's mains. The machinery was received during the year of report and the work of erection was in progress at the close of the year.

31. 331 Street connections were carried out against 424 during the twelve months previous. All these were carried out departmentally at a cost of Rs. 14,447. This work has been in hand for several years and the Committee would like to know when it may be expected to be completed. 60 Storm water connections were carried out at a cost of Rs. 1,934.

32. *Water Works.*—During the year the Water Works were maintained in a fairly efficient state. A satisfactory feature of the year's operations of the Water Department is the completion of two important works in connection with the Malabar Hill Reservoir, *viz.*, a new inlet main

from Chinchpokli to the Reservoir and a new outlet main from the Reservoir to Chowpati. The work of laying the inlet main, commenced departmentally on 1st September 1908, was completed in September 1909 and Tansa Water was first delivered into the Reservoir through the new main on 7th September 1909. The main has been in regular use ever since and the regulation of the Tansa Supply shows a marked improvement, the Municipality being now in a position to supply the Malabar Hill Reservoir at an increased rate of about 7,490 gallons per minute. The work of laying the outlet main was completed in February 1910, the benefit derived in consequence being an increase of about 13 lbs. per square inch of pressure at the Gamdevi junction and a corresponding improvement of about 10 lbs. per square inch of pressure at the Floral Fountain. It is also satisfactory to note that the long-deferred work of improving the conditions of storage at the Malabar Hill Reservoir to which pointed attention was drawn in the Committee's review of the report for the previous year, was at last taken in hand and practically completed. The water-proofing works at the Bhandarwada Reservoir were in progress throughout the year.

33. The rainfall for the year 1909 was exceptionally good compared with that for the previous years. At Tansa Lake it was 101·87 inches against 90·18 in 1908, 96·10 in 1907, 75·96 in 1906 and 56·74 in 1905. At Vehar it was 115·26 against 76·54 in 1908, 88·51 in 1907, 67·03 in 1906 and 46·77 in 1905 ; and at Tulsi it was 127·05 against 101·96 in 1908, 119·41 in 1907, 92·62 in 1906 and 55·72 in 1905. All the lakes overflowed during the year, the Tansa on the 6th July, the Vehar on the 6th September and the Tulsi commenced over-flowing from the 15th July.

34. With an increase of 644 water connections newly made and 288 cut off for various reasons, the total number of connections stood at 22,410 against 22,054 in the preceding year. Of these only 2,954 were metered against 3,121 in 1908-09 and 3,260 in 1907-08.

35. The work of laying additional water mains in various parts of the City was continued during the year. 760 underground and 5,897 above-ground leaks and defects are reported to have been detected and remedied by the Special Branch of the Water Works Department. The total length of mains examined by this branch, excluding second and subsequent tests, was 35,160 feet against 36,290 in the previous year, and the length including second and subsequent tests was 1,492,957 feet against 1,428,455.

36. *Streets and Buildings.*—3,198 building applications were received showing a decrease of 629 compared with the number of applications received during the previous year. No reasons for this falling off have been given but this great drop after an increase of about 1,200 within the past quinquennium reveals considerable relaxation in the building activity of the City. 342 notices were issued for the removal of unsafe buildings. Of these 296 were complied with, in 13 cases structures were removed by the Municipality and 33 cases were pending at the close of the year. There were 17 collapses of buildings which proved fatal to 10 lives and caused injury to 16 persons.

37. The Executive Engineer reiterates the complaint that in a large number of cases the magistrates did not inflict any penalty although they held that offence had been committed. In as many as 290 cases out of 629 parties were simply warned and discharged. It was suggested by the Standing Committee last year that the High Court might be moved to revise the decisions in a few typical cases or that, should this be not practicable, an attempt might be made to elicit information as to the considerations that influence the Magistrates' decision in such cases. The report is however silent on this point and the Committee's suggestion does not appear to have been acted upon in any case.

38. 7,106 square yards of ground valued at Rs. 3,40,587 were added to the streets. This, observes the Commissioner, is a rate of expenditure that cannot be maintained in future years. As pointed out in paragraph 7 of this review, this aspect of the question has already arrested and engaged the attention of the Corporation who have appointed a Special Committee to look into the whole question.

39. The area of roads metalled during the year was 4,378,749 square feet and the total amount spent on repairs and maintenance aggregated Rs. 4,51,743 against Rs. 5,02,748 in the preceding year, the rates for full metalling working out at 11·28 pies per square foot. Some of the important roads in the Fort were treated with tar. Of the road between the Crawford Market and Elphinstone College a portion measuring 564,000 square feet was tar painted at a cost of Rs. 9,355, giving the rate of Rs. 1·66 per 100 square feet. The roads were again very heavily disturbed in consequence of the operations of the Water and Drainage Departments, and the special operations of the Tramways, Telephone and Gas Companies, the road surface thus disturbed being, according to the Executive Engineer's estimate, nearly 29 miles out of 160 miles of road in the City. Three street refuges combined with gas lamps were put up at Hornby Vellard, Queen's Road Junction with Marine Lines and Queen's Road Junction with Princess Street. No new tram rails were laid during the year and the tram tracks are reported to have been fairly well maintained during the year.

40. *Overbridges.*—All the properties required in connection with the construction of the Arthur Road Overbridge having been acquired and the structures removed the ground was handed over to the Railway Authorities and the work of the construction of the bridge is nearing completion. Considerable progress was also made with the work of acquiring properties, etc., in connection with the Elphinstone Road Overbridge and the Clerk and Curry Road Overbridges.

41. *Lighting.*—For the lighting of the City 4,784 gas lamps and 1,829 Kerosene oil lamps were maintained during the year at a cost of Rs. 2,96,980 and Rs. 44,615 respectively. This shows an increase of 352 in the number of gas lamps and an increase of Rs. 23,406 in the total expenditure compared with the figures for the preceding year.

42. *Workshops.*—The value of departmental and private work turned out at the Municipal Workshops has been computed at Rs. 1,62,592, the net result of the year's transactions being, instead of a balance as usual in favour of the workshops, a loss of Rs. 908. This is accounted for by the fact that the ground rent of Rs. 10,986 payable to Government is now included in the workshops accounts. The working of the Motor Meat Van was more satisfactory than in the previous year when there was a serious break-down involving extensive repairs. It was anticipated in the previous year that the Van might have to be withdrawn from service. Happily, however, it was found to be in a fit condition for further service. Not so satisfactory was the working of the Steam Tractor which had to be withdrawn from service from 9th February until early in April 1910 owing to the breakage of a main driving axle.

Fire Brigade.

43. Throughout the year the Fire Brigade was maintained in a state of efficiency. The Brigade had to turn out to 117 calls of which only 8 proved to be false alarms. It was also requisitioned in connection with 8 cases of fallen houses and extricated 35 persons from the debris, of whom 8 were found dead and 27 removed to hospital of whom 2 died later.

44. The actual number of fires during the year was 109 showing an increase of 7 as compared with that for the previous year and an increase of 17 over the average number of catastrophes during the past decade. 61 of these were extinguished by the Brigade and 48 before the arrival of the Brigade. The number of buildings damaged by fire was 29 only. Of these 16 were insured and the damage done to insured and uninsured premises has been computed at Rs. 14,40,827 and Rs. 64,730 respectively. The total damage to property is estimated at Rs. 15,05,557, the lowest since the year 1904-05. The property saved from destruction is rated at Rs. 46,53,588.

45. Three persons were injured and died in hospital while one man lost his life in a desperate attempt to jump from the 5th floor of a building on fire at Kalbadevi Road. It was discovered in this case that the ladders at the disposal of the Brigade were too short to reach the floor so that before a jumping sheet could be spread the man threw himself down on the road. Emergency ladders which can be extended to heights of 60 and 70 feet have since been added to all the fire escapes and a fire escape ladder to reach a height of 75 feet and a motor fire ladder reaching a height of 80 feet will shortly be provided.

Public Gardens.

46. The Esplanade Band Stand together with the green surrounding it was taken over during the year of report for maintenance as a Municipal Garden and free public band performances are now given at the Green. The year witnessed a slight decline in the number of visitors at the Victoria Gardens which was 1,951,917, against 2,060,343 during the twelve months preceding, the decrease being due to a reduction in the number of musical performances at the Gardens consequent on the provision of music at the Band Stand Green. Among the additions to the Zoo may be noted a Brown Bear presented by Mr. Merwan K. Irani, a Black Himalayan Bear by Mr. E. N. Aylward from Chamba, and a Leopard by Messrs. Cowasji Dinshaw & Brothers from Aden and a Vicuna purchased from the grant for the Gardens.

47. A further increase of half a lakh in the number of visitors to the Victoria and Albert Museum, augmenting the total from 882,493, in the year previous, to 938,951, testifies to the growing popularity of the Museum due, no doubt, to the efforts recently made to show in a more popular and more comprehensible manner specimens in the Natural History and Economic Sections. The Standing Committee trust these efforts will be continued and the Museum made a still more popular centre of attraction.

Health Department.

48. 19,839 births were registered during the calendar year 1909 against 20,166 in 1908 and 19,535 in the year previous. This gives a birth-rate of 20·28 per mille. It is, however, no criterion of the actual strength of the total infant population of the City, as the statistics take no cognizance of children born out of Bombay of mothers belonging to the City and brought into Bombay after birth. During the year under review 5,385, such children under one year of age were vaccinated. Taking these into account and the percentage of the unregistered children who must have escaped vaccination owing to death or delays, the probable infant population of the City is estimated at 26,678 against 31,738 in the preceding year, giving a birth-rate of 27·28 per mille against 32·4 for the twelve months preceding.

49. This decrease is chiefly accounted for by the marked decline in the birth-rate amongst the Mahomedans which has steadily fallen from 24·74 in 1906 to 23·45 in 1907, 23·02 in 1908 and to 22·87 in the year under notice. A decline is also noticeable among Europeans, the birth-rate in the commu-

nity having dropped from 14·95 in 1907 to 14·12 in 1908 and to 13·35 in 1909. Amongst the Parsees also the same tendency is noticeable although the figures for the year of report show an improvement over the previous year, the birth-rate in the community being 27·30 in 1907, 25·39 in 1908 and 26·05 in 1909. Amongst the Hindus the fluctuations are not considerable and rather show a tendency to increase, the birth-rate being 18·45 in 1907, 19·50 in 1908 and 18·90 in 1909 and the Jews, as heretofore, show the highest birth-rate which has improved from 37·26 in 1906 to 40·43 in the year under notice.

50. It is very gratifying to record once more a fairly large decrease not only in the total mortality of the City, but also in the mortality from almost all causes. After a number of years of fearful fatality an improvement has set in since the year 1907 and the bill of mortality for the year under review is the lightest ever recorded since the outbreak of plague. In all 34,878 deaths were registered, giving a death-rate of 35·66 per mille against 38,271 with the death-rate of 39·13 in 1908. There were thus 3,393 deaths fewer than in the previous year and 9,176 less than the average of the preceding five years.

51. One of the factors swelling the mortality was the frequent importation of cases of Cholera from outside, chiefly Nasik, which revived the infection from time to time, with the result that the disease was responsible for 727 deaths during the year under review, being 632 more than in the previous year. Included in this figure are 231 deaths amongst persons newly arrived in the City and not belonging to it. Making allowance for these as also for the deaths from plague amongst new arrivals, the Health Officer calculates the corrected total death-rate at 34·89 per mille.

52. The contribution of plague to the total mortality was also the lowest since the advent of the fell disease, being 5,197 against 5,361. The victims claimed by small-pox were likewise considerably fewer, only 473 deaths from this disease having been recorded against 1,026 in the previous year. But satisfactory as has been the improvement, the toll taken by this entirely preventable disease is still very considerable. Imported as usual from outside, the disease was rife during the year although fortunately it did not attain the epidemic stage as it did in the year previous. The Health Officer has repeatedly urged the necessity for measures to minimise the chances of importation of the disease from outside. It has already been suggested that persons going to infected places should be vaccinated, that those coming from such places should be made to submit to vaccination and re-vaccination and that those in contact with small-pox patients on sea should not be allowed to land without vaccination. The efforts made during the year of report by Government in this direction consisted merely in a letter addressed to the Haj Committee emphasising the extreme desirability of the pilgrims being vaccinated as suggested. The results, according to the Health Officer's observations, were inappreciable. More decided efforts have, however, since been made, with the cordial co-operation of the Commissioner of Police, to persuade the Hajis to take to vaccination and as many as 4,869 pilgrims are reported to have been vaccinated during the third quarter of the year 1910. Compulsory re-vaccination between the age of 8 and 11 is another important measure advocated by the Health Officer for averting this disease. This question was thoroughly investigated and reported upon by a Committee of the Corporation in June 1908. The measures recommended by the Committee did not, however, commend themselves to the Corporation and another Committee has been appointed to report as to the desirability of (1) popularizing, or rendering compulsory, re-vaccination in the City (2) making it incumbent on immigrants of all ages who are not primarily vaccinated to get themselves vaccinated and (3) protecting generally the City from the frequent epidemics of small-pox.

53. The prevalence of cholera during the year was once again synchronous with the outbreak of the disease in outside districts. Thanks to the orders issued in December 1908 by Government to the District Magistrate of Nasik and to the authorities of the Railways to do all in their power to prevent cholera-stricken people from proceeding on their journey to Bombay, the City was practically saved from infection till March 1909. In the following month, however, cholera became epidemic at Nasik and despite prompt precautionary measures taken by the Health Department and despite fresh orders issued by Government for dissuading intending pilgrims from visiting Nasik, importations from that notorious centre of infection continued intermittently and ceased only with the termination of the fairs in October. This history of the progress of the disease shows that once the epidemic breaks out at places where fairs attract a large concourse of people, even the most prompt and careful arrangements for the examination of out-going passengers and the detention of the infected and all the measures for the systematic medical inspection and observation of immigrants finding their way to the City fail to keep back infection from the people and it emphasises the necessity for taking, in the first instance, all possible sanitary measures to prevent the outbreak of the disease at those very centres of infection. Unless this is done the City will stand exposed to the danger of infection notwithstanding all efforts to protect it and the Committee think no time should now be lost to urge this aspect of the question for the consideration of Government.

54. As usual the death-rate amongst the Europeans (14·81) was the lowest. Out of the native communities the Mahomedans again show the highest death-rate (49·51) and the Parsees the lowest (24·78). Amongst the Hindus the mortality was 33·04 per mille, amongst the Native Christians 46·84, and amongst the Jews 35·96. With reference to the appalling rate of mortality amongst the Mahomedans the Health Officer points out that the death-rate is raised appreciably by the Mahomedan pilgrims who die in large numbers while passing through the City and that this community pays the heaviest toll to Phthisis and other Respiratory Diseases, the death-rates being 4·70 and 12·25 against 4·54 and 13·38 in 1908. The phthisical death-rate amongst the Parsees is reported to have fallen to ·69 and the death-rate from other Respiratory Diseases to 3·27 from 1·08 and 4·42 respectively in 1908. These percentages however take no account of the patients suffering from Phthisis and other chest diseases who are generally removed to the Bahadurji Sanatorium for consumptives at Deolali and other hill stations. As the casualties amongst these remain unregistered the Health Officer would do well to gather as much information as possible as to the fatality amongst the phthisical patients removed from the City to the principal Sanatoria.

55. With the general reduction in the City's mortality there was a reduction in the infantile mortality also. Against 9,077 in the previous year 8,030 deaths of childern under one year of age were registered in the year of report. The death-rate per mille was however actually greater than in the previous year. Calculated on the corrected number of births worked out by the Health Officer the infantile death-roll gives a rate of 300 against 286 per mille in the previous year. The death-rate amongst infants for the whole of India was 228·3. Compared with this rate the Bombay rate shows a considerable increase, but it is not an unreasonable increase for a large City. For reducing the mortality amongst children of tender age the Health Officer suggested in his report for the year 1908 the following remedies :—

"(1) Provision of Lying-in-Hospitals for the poor and free medical attendance and provision of a nurse before and after child birth ; (2) education of the native midwives at the hospital the registration and licensing of these women ; (3) introduction of a section of the Act so as to prevent a woman without a certificate and license to attend on a confinement : (4) provision of Municipal milk depôts where women could obtain pure milk at a small cost."

None of these measures has yet been taken in hand but it is satisfactory to notice that the Health Officer has met with great encouragement in his efforts to have a free Lying-in-Hospital provided for the poor and that considerable progress has been made with a scheme to provide a hospital consisting of 100 beds with arrangements to teach nursing to native midwives.

56. 741 confinements were attended by the Municipal Nurses against 518 in the previous year and their house to house visits numbered 62,095 against 68,847. The nurses also continued their enquiry into the conditions of newly born infants and very useful data have been gathered concerning child life in this City.

57. In accordance with the provisions of the Police Charges Act the Presidency Vaccine Establishment was transferred to the Municipality on the 1st March 1909. This transfer, says the Health Officer, has strengthened the hands of the Municipality in the work of vaccination. 18,457 primary vaccination and 10,779 re-vaccinations were carried out.

58. The number of patients who took advantage of the ten Municipal Dispensaries and of the two other Charitable Dispensaries at Colaba and the Victoria Bunder, aided by the Municipality, was 81,093 against 87,477 in the previous year. In addition to these 3,263 patients were treated at their houses. The number of notifications of infectious diseases received from qualified Medical Practitioners was 2,084 against 1,605 during the twelve months preceding. The cases reported by the Hakims and Vaidyas numbered 98 all of which with one exception were found on investigation to be correct.

59. There was a satisfactory increase in the work done in the Municipal Laboratory. 5,089 articles were examined during the year against 3,754 in the year previous. Of these 2,052 were examined chemically and 3,037 bacteriologically. 7,507 tins of Laboratory Rat Poison were prepared and each lot of vaccine prepared by the Superintendent of Vaccination was tested before use.

60. At the Arthur Road Hospital 1,056 patients were admitted against 1,387 in the previous year. Of these 413 were cases of Small-pox, 138 of Cholera and 123 of Relapsing Fever. 336 cases proved fatal. The admissions to the Maratha Hospital numbered 650 as compared with 813 in 1908. Of these 608 were plague cases the mortality rate amongst whom was 80·26 per cent., the highest recorded since 1902. This, it is explained, was due to an unusually large preponderance of septicæmic cases. The enquiry into the serum-therapy of plague was resumed by the Commission during the epidemic. Including the observations made during the previous epidemic the total number of cases studied was 168 of whom 85 were subjected to the serum treatment and 83 taken as controls. The Advisory Board for Plague Investigations in India has not, rightly, considered these observations to be sufficiently numerous or conclusive and it is intended to pursue the investigations further until 400 cases have been studied. The results of this very important investigation will be awaited with great interest.

61. The introduction of motor waggons, in the last quarter of the year, for the removal of refuse and town sweepings marks an important innovation in the conservancy methods of the City. Three Leyland motors were ordered out, each capable of holding 9 bullock cart loads of refuse. As anticipated the results have been satisfactory, both from the point of view of efficiency as well as expense, and the purchase of two more motors has been sanctioned. The question of disposal of refuse by Destructor is still under consideration. 748,795 cart-loads of rubbish were unloaded at the Tardeo Flats and other places as against 700,402 in the previous year and 126,684 night soil and cess-

pool carts and 4,173,293 night soil baskets were emptied at the several night soil depôts as compared with 118,445 night-soil and cesspool carts and 4,253,730 night soil baskets during the twelve months preceding.

Licenses.

62. The year witnessed a further increase in the number of licenses from 7,163 in the previous year to 7,204. The receipts improved in consequence from Rs. 84,646 to Rs. 85,371. The revenue would have been still greater had not the licensing of Petroleum storage sheds, formerly vested in the Municipality been now vested in the Port Trust under Rule 14 of Chapter IV of the Petroleum Rules issued in May 1909 and had not the poison licenses been transferred to the Police Commissioner. Two more milch-cattle stables were closed, one at Upper Colaba and the other at Haines Road. In the review of the Administration Report for the previous year it was remarked that the Committee would have liked to know what effect the closing of stables in the City had on the milk supply. If not impossible, this information should be obtained.

Markets.

63. A further decrease of Rs. 8,585 is recorded in the receipts from the Municipal Markets and the Slaughter Houses. As compared with Rs. 4,81,737 in the year 1907-08 and Rs. 4,76,558 in the year 1908-09 the receipts aggregated Rs. 4,67,972 during the year of report. The decrease has been attributed principally to a fall in the scale fees owing to a portion of the Crawford Markets area having been temporarily utilized for stacking building materials and to a diminution of Rs. 5,000 in the amount realized for the rent of the Fair Ground at Bandra. This falling off in revenue following on a decrease of Rs. 5,179 in the receipts for the previous year requires careful investigation. These two years should have shown some expansion in revenue in consequence of the establishment of two additional markets at Parbhadevi and Elphinstone Roads, whereas the result is a deficit of Rs. 14,000. Moreover, with the rise in rents and growth of population the markets receipts ought to show considerable elasticity whereas for several years past the revenue is practically stationary. A Committee of the Corporation is now investigating the question of revising the stall rents at the Municipal Markets and it may be hoped full enquiries will be instituted as to the development of all the branches of the Markets revenue.

64. The quantity of unwholesome food particularly fish and meat, destroyed by the Department during the year amounted to 241,774 lbs. against 218,240 lbs. in the year previous. The provisions of the Municipal Act in respect of the seizure of contraband meat and the prosecution of the offending parties not being as stringent as required, the Corporation have moved Government to amend the Act so as to empower the Railway Authorities to co-operate with the Municipality in the matter. For securing power of arrest and serving summonses further amendments of the Act are necessary and the Municipal Commissioner has been requested to bring up for consideration at an early date draft amendments for vesting in Municipal officers the power to serve summonses as well as the power of arrest.

Primary Education.

65. The year under review witnessed the opening of 14 new schools, 5 Marathi, 5 Gujerati and 4 Urdu. Sanction to open three more schools, including one for Halalkhore children, was also given. For want of attendance two schools had to be closed so that there was a net increase of 12 schools. The number of pupils who attended the 114 Municipal Schools rose from 10,314 to 11,559 during the twelve months preceding. The aided

schools numbered 113 against 112 in the previous year. The attendance at these schools was 11,455. The grant-in-aid given to these schools amounted to Rs. 34,098 against Rs. 32,834 in the preceding year. The Committee's receipts for the year aggregated Rs. 2,37,630 against Rs. 2,19,686 and the expenditure rose from Rs. 2,54,888 to Rs. 2,88,202. For some years past the excess of expenditure over income was met from Surplus Balances. These have now been altogether depleted, the balance in hand at the end of the year being Rs. 3,734 only, and larger grants will have to be provided by the Corporation in future.

Conclusion.

66. In conclusion the Standing Committee record their appreciation of the successful administration of Municipal affairs during the Commissioner Mr. Sheppard's tenure of office for another year.

FAZULBHOY CURRIMBHOY EBRAHIM,
Chairman of the Standing Committee.

MUNICIPAL CORPORATION OFFICE,
Bombay, 26th October 1910.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the year 1909-10.

Introductory.

1. Mr. W. D. Sheppard, I. C. S., continued to hold the Office of the Municipal Commissioner for the City of Bombay throughout the year.

2. The general health of the City was satisfactory during the year.

I.—CORPORATION AND STANDING COMMITTEE.

THE CORPORATION.

3. Mr. Jaffer Rahimtoola, B. A.,Bar.-at-Law, was appointed President of the Corporation at the Meeting held on the 5th April 1909 and held that appointment throughout the year.

4. Forty-seven meetings of the Corporation, one attendance of Councillors for the presentation of an Address of Welcome to His Excellency Earl of Minto, Viceroy and Governor-General of India, on his visit to Bombay and one hundred and eighteen meetings of the Committees of the Corporation other than those of the Standing Committee were held.

5. The changes that took place during the year in the personnel of the Corporation were as follows:—

Mr. Bhagwandas Narotamdas died on the 20th July 1909 and in his place Mr. Balkrishna Vasudev Pandurang was appointed by Government on the 25th August 1909.

The Hon'ble Mr. G. O. W. Dunn, M. Inst. C. E., resigned on the 13th April 1909 and in his place Mr. J. P. Orr, I.C.S., was appointed by Government on the 26th April 1909.

Mr. Dwarkadas Dharamsey resigned on the 26th August 1909 and in his place Dr. Ratansha Temulji Nariman, M.D., F.R.M.S., was elected by the Ratepayers of A Ward on the 21st September 1909.

Mr. C. H. B. Forbes resigned on the 17th November 1909 and in his place Mr. G. Lund was appointed by Government on the 24th November 1909.

Mr. H. G. Gell, M.V.O., resigned on the 6th April 1909 and in his place Mr. R. M. Phillips was elected by the Justices on the 29th April 1909.

Captain W. G. Liston, M.D., D.P.H., F.R.S.E., I.M.S., resigned on the 8th September 1909 and in his place Mr. A. K. Leslie was appointed by Government on the 27th October 1909.

Mr. R. M. Phillips resigned on the 30th December 1909 and in his place Mr. S. M. Edwardes, I.C.S., was elected by the Justices on the 26th January 1910.

6. The following Councillors were absent from the meetings of the Corporation for the period shown below for reasons approved by the Corporation under Section 17 (b) of the Municipal Act :—

Names.	Period.
Mr. Cowasji Jehangir Readymoney ...	For 5 months ending 9th September 1909.
Sir Dinshaw Petit, Bart.	For 6 months ending 11th October 1909.
Mr. Ebrahim Adamji Peerbhoy... ...	For 3 months ending December 1909.
The Hon'ble Mr. Fazulbhoy Currimbhoy Ebrahim	For 4 months ending 19th September 1909.
Mr. R. M. Phillips	For 6 months ending 30th December 1909.

THE STANDING COMMITTEE.

7. The Hon'ble Sir Sassoon David, Kt., was appointed Chairman of the Standing Committee at the Meeting held on the 5th April 1909 and held that appointment throughout the year.

8. There were fifty-two Regular Meetings and one Special Meeting of the Standing Committee and fifty meetings of the Sub-Committees thereof.

9. There were forty-eight attendances of members for the auditing of Municipal Accounts and one hundred and sixteen for cheque signing.

10 The following were the changes that took place during the year in the personnel of the Standing Committee:—

Mr. Dwarkadas Dharamsey resigned his seat on the 26th August 1909 and in his place Mr. Motilal Jamnadas Sevaklal was appointed by Government on the 21st September 1909.

Mr. H. G. Gell, M.V.O., resigned his seat on the 6th April 1909 and in his place Mr. E. M. Proes was appointed by Government on the 26th April 1909.

11. The following is the list of Municipal Councillors who held Office on the 31st March 1910 :—

JAFFER RAHIMTOOLA, Mr., B.A., Bar.-at-Law, J.P., *R* (B Ward). *President.*

ABDUL HUSSEIN ADAMJI PEERBHOY, The Hon'ble Mr., J.P., *R* (C Ward).
BALKRISHNA VASUDEV PANDURANG, Mr., J.P., *G.*
* BAPTISTA, JOSEPH, Mr., L.C.E. (Bombay), B.A., LL.B. (Cantab.), Bar.-at-Law, *R* (E Ward).
‡ § BHALCHANDRA KRISHNA BHATAWADEKAR, Sir, Kt., L.M., J.P., *R* (D Ward).
BIRKETT, T. W., Mr., J. P., *J.*
† § CHIMANLAL H. SETALWAD, The Hon'ble Mr., B.A., LL.B., J.P., *U.*
CHUNILAL VIJBHUKANDAS MEHTA, Mr., M.A., LL.B., *R* (C Ward).
*COLLIE, M. A. T., Lieut.-Col., M.B. (Aberd.), C.M., I.M.S., J.P., *G.*
COWASJI JEHANGIR READYMONEY, Mr., B.A. (Cantab.), J.P., *J.*
† DARASHAH RATANJI CHICHGUR, Khan Bahadur, J.P., *G.*
* ‡ DAVID, SASSOON, The Hon'ble Sir, Kt., J.P., J. *(Chairman Standing Committee).*
D'MONTE, DOMINICK A., Dr., M.D., L.R.C.P. (London), L.M. & S., M.R.C.S., L.M.F.S.A., F.R.G.S., M.R.A.S., J.P., *G.*
† DHACKJEE CASSINATHJEE, Rao Bahadur, J.P., *R* (C Ward).
DINANATH BALKRISHNA NAIK DANDEKAR, Dr., L.M. & S., J.P., *R* (B Ward).
†‡ § DINSHA EDALJI WACHA, Mr., J.P., *R* (A Ward).
DINSHAW MANOCKJI PETIT, Sir, Bart., J.P., *J.*
EBRAHIM ADAMJI PEERBHOY, Mr., *R* (C Ward).
EDWARDES, S. M., Mr., I.C.S., J.P., *J.*
ELLAPA BALARAM, Rao Bahadur, J.P., *R* (E Ward).
* § FAZULBHOY CURRIMBHOY EBRAHIM, The Hon'ble Mr., J.P., *R* (G Ward).
FAZULBHOY JOOMABHOY LALJI, Mr., *R* (B Ward).
*FAZULBHOY MEHERALI CHINOY, Mr., J.P., *G.*
FERREIRA, D. J., Mr., B.A., LL.B., J.P., *J.*
HAJI SULEMAN ABDUL WAHED, Mr., J.P., *G.*
HAJEE YOOSOF HAJEE ESMAIL SOBANI, Mr., J.P., *J.*
HARI SITARAM DIKSHIT, Mr., B.A., LL.B., J.P., *R* (D Ward).
‡ HATCH, G. W., Mr., I.C.S., J.P., *J.*
‡† IBRAHIM RAHIMTOOLA, The Hon'ble Mr., C.I.E., J.P., *G.*
JAMSETJEE JEJEEBHOY, Sir, Bart., J.P., *J.*
* JAMSETJEE ARDASEER WADIA, Mr., J.P., *G.*
JEHANGIR BOMANJEE PETIT, Mr., J.P., *R* (D Ward).
JEHANGIR J. CURSETJI, Dr., M.D., L.R.C.P., L.R.C.S., *R* (C Ward).
KARAMALI PEERBHAI HAJI, Mr., *R* (B Ward).
KARIMBHOY ADAMJI PEERBHOY, Mr., *R* (G Ward).
* KAVASJI EDALJI DADACHANJI, Dr., L.M. & S. J.P., *R* (D Ward).
† KAZI KABIRUDDIN KAZI MOULVI BAKIR, Mr., Bar.-at-Law, J.P., *R* (E Ward).
LAKHAMSI NAPU SHA, Mr., J.P., *R* (B Ward).
LEAO, D. F., Mr., J. P., *G.*
LESLIE, A. K., Mr., J.P., *G.*
LUND, GEORGE, Mr., J. P., *G.*
McBAIN, J. A. D., Mr., J.P., *J.*
* † MACDONALD, JAMES, Mr., J.P., *J.*
MAHOMEDBHOY CURRIMBHOY EBRAHIM, Mr., J.P., *R* (F Ward).
MAHOMEDBHOY HAJIBHOY LALJI, Mr., J. P., *R* (B Ward).
MILNE, J. S. WARDLAW, Mr., J.P., *CC.*
MIRZA ALI MAHOMED KHAN, Mr., M.A., LL.B., J.P., *G.*
*MOTILAL JAMNADAS SEVAKLAL, Mr., J.P., *R* (C Ward).
MULJI B. BARBHAYA, Mr., J.P., *G.*
* MUNMOHUNDAS RAMJI, The Hon'ble Mr., J.P., *R* (C Ward).
NADIRSHAW H. E. SUKHIA, Dr., L.M. & S., L.V. SC., M.R.S.I. (London), *R* (A Ward).
NARAYEN TRIMBAK VAIDYA, Rao Bahadur, J.P., *J.*
† NARAYEN VISHVANATH MANDLIK, Mr., B.A., LL.B., J.P., *J.*
‡ NOWROSJI JEHANGEER GAMUDIA, Mr., J.P., *R* (A Ward).
ORR, J. P., Mr., I.C.S., J. P., *G.*
§ PHEROZESHAH MERWANJEE MEHTA, The Hon'ble Sir, K.C.I.E., M.A., Bar.-at-Law, J.P., *J.*
PHIROZE CURSETJI SETHNA, Mr., B.A., J.P., *J.*
PIROJSHA BOMANJI PETIT, Mr., *R* (A Ward).
*PROES, E. M., Mr., A.M. I.C.E., J.P., *G.*
RAMCHANDRA BHASKER MANTRI, Mr., J. P., *R* (D Ward).
RATANSHA TEMULJI NARIMAN, Dr., M.D., J.P., *R* (A Ward).
SALEBHOY KARIMJI BARODAWALLA, Mr., J.P., *R* (E Ward).
SARAFALI MAMOOJI, Mr., *R* (B Ward).
SHAPOORJEE SORABJEE MISTRY, Mr., *R* (A Ward).
SHAVAKSHA SORABJI BATLIWALA, Dr., L.M. & S., J.P., *R* (F Ward).
SORABJI CURSETJI DHONDY, Mr., *R* (E Ward).
TAHERALI MAHOMEDALI KAJIJI, Mr., M.A. (Oxon), LL.D. (Dublin), Bar.-at-Law, J.P., *J.*
TEMULJI BHIKAJI NARIMAN, The Hon'ble Dr., L.M., F.R.M.S. (London), J.P., *U.*
* TOD, A. M., Mr., J.P., *CC.*
TREVOR, A. HILL, The Hon'ble, J.P., *G.*
VITHALDAS DAMODHER THACKERSEY, The Hon'ble Sir, Kt., J.P., *R* (C Ward).
VITHALRAO KRISHNAJI VANDEKAR, Rao Bahadur, J.P., *R* (B Ward).

Note.—The letters against the names signify—*R*, that the Member was elected by the Ratepayers; J, by the Bench of Justices; CC, by the Chamber of Commerce; *U*, by the University; and G, appointed by Government.

Note.—The marks against the names signify—*, Member of the Standing Committee; †, Member of the Schools Committee; ‡, Member of the Board of the City of Bombay Improvement Trust; §, Member of the Board of the Victoria Jubilee Technical Institute.

II.—Heads of Departments.

12. Mr. Joseph Hall, M.I.C.E., M.I.MECH.E., &c., Executive Engineer was on privilege leave from 26th April to 25th July 1909 during which period Mr. B. H. Hewett, A.M.I.C.E., Deputy Executive Engineer, Mechanical Branch, acted for him.

13. Mr. N. Maughan, A.M.I.C.E., continued as Deputy Executive Engineer, Drainage, throughout the year.

14. Mr. Nasarwanji Dorabji Bhada, L.C.E., A.M.I.C.E., continued as acting Deputy Executive Engineer, Water Works, throughout the year.

15. Mr. B. H. Hewett, A.M.I.C.E., Deputy Executive Engineer, Mechanical Branch, was on privilege leave from 2nd August to 1st November

1909 during which period and during the period when he was acting as Executive Engineer, Mr. T. A. E. Thompson, 1st Engineer, Love Grove Pumping and Air Compressor Stations, was appointed as Engineer in charge of the Mechanical Branch.

16. Dr. J. A. Turner, M.B., D.P.H., continued as Executive Health Officer throughout the year.

17. Mr. W. E. Waite continued as Chief Accountant throughout the year with Mr. Maneckshah Cawashah Taleyarkhan as Deputy Accountant.

18. Mr. Behramji D. Banaji, Assessor and Collector was on privilege leave from 14th April to 13th July 1909 during which period Mr. Anandrao Wamon Shete, Assistant to the Commissioner and Superintendent of Printing and Stationery acted for him.

19. Mr. R. P. Masani, M.A., was on privilege leave from 26th July to 25th September 1909 during which period Mr. Anandrao Wamon Shete acted for him.

20. Mr. Sorabji Bomanji Master continued as Revenue and Refund Audit Officer throughout the year.

21. Mr. Douglas Bennett, Superintendant of Markets was on privilege leave from 8th October to 7th November 1909 during which period Mr. A. H. Underdown, Chief Inspector, Health Department acted for him.

22. Mr. L. W. Michael, Superintendent of Licenses was on privilege leave from 16th August to 16th September 1909 during which period Mr. James Clarke, Senior License Inspector acted for him.

23. Mr. Cecil L. Burns, Curator and Secretary, Victoria and Albert Museum was on leave upto 21st November 1909 and Mr. G. F. Pollard continued to act for him.

24. Mr. C. D. Mahalaxmiwala, Superintendent of Gardens was on combined leave for four months and a half upto 28th July 1909 and Mr. Jamshed M. Doctor, Assistant Superintendent acted for him in addition to his own duties.

25. Mr. W. Nicholls, Chief Officer, Fire Brigade was on combined leave for six months from 8th May 1909 and Mr. G. F. Weston, Head Foreman acted for him.

26. Mr. N. B. Masani continued as Secretary, Schools Committee throughout the year.

27. Captain J. Lacey, Storekeeper was on privilege leave from 12th October to 11th November 1909 during which period Mr. Kaikhoshro N. R. Ranina, Assistant Storekeeper acted for him.

28. Mr. Anandrao Wamon Shete continued as Assistant to the Commissioner and Superintendent of Printing and Stationary during the year except for the period during which he was appointed to act as Assessor and Collector and Municipal Secretary, when Mr. B. Rama Rao, Head Clerk to the Commissioner acted for him.

III—Financial.

I. General.

29. The year opened with a working cash balance of Rs. 23,13,438. The revenue realised during the year aggregated Rs. 1,12,13,864 while the expenditure amounted to Rs. 1,13,97,050. There was thus a deficit of Rs. 1,83,186 which thus reduced the working cash balance at the end of the year to Rs. 21,96,540, of which Rs. 5,67,953 are reserved for lapsed grants required to be renewed in 1910-1911 and subsequent years. The surplus cash balance at the close of the year amounted to Rs. 16,28,587, including the minimum of Rs. 1,00,000 required by law and Rs. 8,35,000 reserved for payment to the C. I. Trust on account of Contribution from Revenues earmarked for the purpose. The cash balance, which could really be said to be surplus, thus amounted to Rs. 6,93,587. Although this was, owing to increased Revenue receipts, and careful supervision over expenditure, larger than was anticipated, it is not too large for the circumstances of the City, especially in view of the necessity, pointed out in para. 41 of the Chief Accountant's report of providing for years of scarcity of food stuffs. Steps are being taken to ascertain the sums payble under Section 73 (2) of the City Improvement Act.

II. Income.

30. During the year the General Tax was increased from 8 per cent. to 9⅛ per cent. The Water Tax continued to be at 3⅛ per cent. but the charge to Railways and Port Trust for water supplied by meter measurement was reduced from annas 10 and 9½ annas respectively to 9 annas in both the cases. The income realised during the year was Rs. 3,53,864 more than the original estimate, principally from Water and Halalkhore Taxes, Wheel Tax, Town Duties, Miscellaneous Receipts and Miscellaneous Fees. The reasons for the deviations have been dealt with by the Chief Accountant in paras 19-24 of his report. The actual receipts for the year exceeded those of the previous year by Rs. 9,27,816, as explained in paras 26 & 27 of the Chief Accountant's Report. The incidence of taxation per head of population therefore increased from Rs. 11-4-1 in 1908-1909 to Rs. 12-6-4 on the basis of the Census taken in 1901. The incidence of taxation for 1909-1910 calculated on the figures of the revised Census of 1906 works out at Rs. 9-13-5 per head of population.

31. As compared with the revised estimate there was an increase in the Income of the year of Rs. 2,46,594, the reasons for which are explained in para 25 of the Chief Accountant's report. The Chief Accountant places the real expansion of the revenue as compared with that of the previous year at Rs. 2,75,000.

III. Expenditure.

32. During the year under review, the actual expenditure against the sanctioned grants aggregating Rs. 1,21,36,875 amounted to Rs. 1,13,97,050, leaving an unexpended balance of Rs. 7,39,825. Of the latter amount grants aggregating Rs. 5,67,953 require to be renewed, leaving a net saving of Rs. 1,71,872 which was principally effected under :—

(1) Gardens.
(2) Public Works Engineer's Department.
(3) New Works.
(4) Public Health Department.
(5) Miscellaneous.

33. As compared with the preceding year there was a net increase in expenditure of Rs. 7,66,924 which occurred principally under General Superintendence, Public Gardens, New Works, Contribution to the City Improvement Trust, Education, Miscellaneous and Debt. In para. 39 of his report the Chief Accountant estimates the permanent increase in expenditure at Rs. 6,40,000

(including the contribution to the City Improvement Trust) against the permanent increase in Income at Rs. 2,75,000.

34. The amount of lapsed grants requiring renewal has decreased by Rs. 1,44,385 as compared with the previous year and is fully dealt with in para. 37 of the Chief Accountant's report. The percentage of grants allowed to lapse is still too large, and must be taken as indicating the necessity for greater promptness and method in the departments concerned.

IV. Loan and Plague Expenditure.

35. The expenditure on Loan Works amounted to Rs. 21,85,806 against Rs. 16,84,141 in the preceding year, the increase principally being under Roads and Water Works.

36. The expenditure on plague measures during the year amounted to Rs. 2,00,915, showing a decrease of Rs. 22,413 on the expenditure of the previous year. As shown in para. 48 of the Chief Accountant's report, the decrease in the past year is not real. It is hoped, however, that in the absence of any serious recrudescence the charges in future will be considerably reduced.

V. Debt and Sinking Fund.

37. During the year the 15 Lakhs Loan for Street Improvements and the first instalment of Rs. 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City were raised.

38. The payment made by the Municipality during the year towards the reduction of debt amounted to Rs.1,14,734. The Capital Liabilities of the Corporation were increased on account of the raising of the above loans from Rs. 5,20,22,939 in 1908-1909 to Rs. 5,49,08,205 during the year.

39. Against this debt, the total Sinking Fund invested upto the close of the year amounted to Rs. 94,39,637 which left the net debt liability of the Corporation at the close of the year at Rs. 4,54,68,568. From Appendix No. 7A attached to the Chief Accountant's report, it will be seen that the aggregate total of the different Sinking Fund investments on 31st March 1910 is in excess of the amount which should have accumulated for the purpose for which the funds have been created by Rs. 4,998-1-3. The actual value of the investments is also in excess of the face values.

VI. Assets and Liabilities.

40. The Assets and Liabilities of the Municipality at the close of the year as compared with the preceding year stand as follows :—

	At the close of 1908-1909.	At the close of 1909-1910.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Assets...	7,49,45,333	8,03,31,656	53,86,323	.....
Liabilities	5,48,29,769	5,77,22,417	28,92,648	.....
Excess of assets over liabilities.	2,01,15,564	2,26,09,239	24,93,675	.....

41. The distribution of the Assets, and the reasons for the increase in Assets and Liabilities are given in paras. 50 & 51 of the Chief Accountant's report.

42. The total liabilities of the Municipality after deducting the amount of Rs. 18,07,495 shown as Book value of the lands transferred to the Bombay Improvement Trust, which merely appears on the Liability side for

book-keeping purposes, amount to Rs. 5,59,14,922, of which Rs. 5,49,08,205 represent Capital Debt, Rs. 7,74,246, Contractors etc. deposits and Rs. 2,32,471 undischarged liabilities and other items.

43. During the year there was a trifling increase in the balance of our current stores which is dealt with in para. 71 of the Chief Accountant's report. There was a reduction in the balance of Surplus and Obsolete Stores from Rs. 58,131 to Rs. 45,050.

44. The Water Works Income and Expenditure account shows a surplus of Rs. 1,41,802 against Rs. 1,29,012 in the preceding year.

45. There was a loss under Workshops of Rs. 908 during the year against a profit of Rs. 10,274 last year. The loss was due to Rs. 10,986 paid to Government on account of ground rent having had to be included in the Workshops accounts during the year.

46. The surplus to the credit of the Fire Tax amounted during the year to Rs. 79,058.

47. The subject of Test Audit has been dwelt upon by the Chief Accountant in para. 74 of his report. The advantage of enforcing and extending this audit is apparent.

48. The subject of Street Improvement has been dealt with in para. 73 of the Chief Accountant's report. The widening of streets, however laudable an object in itself, proves, when pursued in the general manner hitherto followed, expensive and somewhat hap-hazard, and involves the Corporation in expenditure beyond the amounts that may properly be devoted to this object. The question is at present under the consideration of a Committee.

49. As required by the Standing Committee's Resolution No. 12212, dated 3rd February 1892, the net Revenue and net Expenditure for 1909-10 and the preceding year are given in the following statement.

Particulars.	1908-09.	1909-1910.
Net Revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.	Rs. a. p.	Rs. a. p.
General Tax	30,49,137 5 0	36,98,218 5 4
Wheel Tax and Tolls	4,72,504 0 5	4,95,133 3 7
Town Duties	11,80,990 14 9	13,04,576 0 7
Receipts from Government for Liquor Licences and Tobacco Duty	4,22,640 6 0	4,24,363 13 4
Water Revenue (net)	1,29,012 5 0	1,41,801 9 11
Markets Receipts	2,99,114 5 6	2,72,937 0 7
Returns from other property and Miscellaneous	4,21,200 1 11	2,92,930 14 4
Net Receipts ... Rs...	59,74,599 6 7	66,29,960 15 8
Deficit	3,44,078 10 3	1,83,186 2 2
	63,18,678 0 10	68,13,147 1 10
Net Expenditure after deducting Receipts.		
General Superintendence	2,36,743 12 2	2,69,708 7 11
Fire Brigade	26,568 8 11	333 5 10
Public Gardens	82,732 3 4	85,675 10 1
Public Works (Engineer's Department excluding Water Works)	18,38,782 4 1	18,17,513 1 8
New Works (Excluding Water Works)	1,44,616 3 3	1,31,296 11 4
Public Health Department (excluding Markets)	9,90,599 12 4	8,34,735 2 6
Municipal Debt (Excluding Water Works)	14,72,698 4 0	15,28,955 12 1
Education	2,76,679 6 7	2,91,528 8 8
Hospitals	4,64,534 9 3	4,62,579 0 7
Pensions Gratuities and Compassionate Allowances	39,962 3 4	9,424 4 6
Miscellaneous	71,613 1 10	4,60,482 0 3
Contribution to the City Improvement Trust	4,50,000 0 0	7,80,000 0 0
Plague expenses	2,23,147 11 9	2,00,915 0 5
Net expenditure ... Rs...	63,18,678 0 10	68,13,147 1 10

50. The Revenue, Expenditure and Balances of the last five years have been contrasted in the following table :—

	1905-06.	1906-07.	1907-08.	1908 09.	1909-10.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	(a) 90,92,539	(e) 96,48,501	(h) 98,89,325	(l) 1,02,86,048	(o) 1,12,13,864
Expenditure	(b) 93,74,241	(f) 95,20,790	(i) 1,01,89,201	(m) 1,06,30,126	(p) 1,13,97,050
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding Minor Deposits, &c.)	(c) 34,80,747	(g) 36,08,457	(j) 33,08,581	(n) 30,38,590	(q) 28,55,404
Add—Recoverable Revenue Outstanding	1,16,086	1,16,973	81,554	1,17,761	1,01,232
	35,96,833	37,25,430	33,90,135	31,56,351	29,56,636
Deduct—Uncompleted works, &c., the unexpended balances of the grants which were required for payment in the following year.	(d) 7,06,778	6,66,084	(k) 8,03,239	7,12,338	5,67,953
Net workable balance available for requirements of the following year	(c) 28,90,055	(g) 30,59,346	(j) 25,86,896	(n) 24,44,013	(q) 23,88,683

(a) In this year the General Tax was reduced from 10½ to 9 per cent. and Water Tax on meter measurement for trade purposes by annas 2 per 1,000 gallons.

(b) Includes contribution towards the celebration of the Royal Visit to India, large contribution paid to the C. I. Trust, Census charges and other items.

(c) Excluding Rs. 7,74,657 on account of the value of Reserve Stock on hand on 31st March 1906, the net closing balances amounted to Rs. 27,06,090 and Rs. 21,15,298 respectively.

(d) Includes full outstanding interest charges on Municipal Loans, and also the large amount renewed for new works not taken in hand or under construction during the year.

(e) Includes large increases in Property Taxes and an abnormally large revenue from Town Duties.

(f) Includes contribution paid to the City Improvement Trust.

(g) Excluding Rs. 6,92,630 on account of the value of reserve stock on hand on 31st March 1907, the net closing balances amounted to Rs. 29,16,427 and Rs. 23,67,316 respectively.

(h) Although the General Tax and Water Tax were reduced from 8½ per cent. and 4 per cent. to 8 per cent. and 3¾ per cent. respectively during the year, the Income shows an increase.

(i) Includes non-recurring factors such as the purchase of Petrol Motor Engine and Tender, repairs to Bhandarwada Reservoir, arrears of rent due to Government for land at Fultan Road, Arrears of Police Charges due to Government, Grain Compensation and Loss on sale of unserviceable stores.

(j) Excluding Rs. 6,96,015 on account of the value of Reserve Stock on hand on 31st March 1908, the net closing balances amounted to Rs. 26,12,566 and Rs. 18,90,881, respectively.

(k) Includes the large amount required to be renewed for New Works not taken in hand or under construction during the year.

(l) Includes large increases in the Property Taxes and Miscellaneous Receipts.

(m) Includes large increases principally under Public Works, New Works, Health Department, Contribution to the City Improvement Trust and Debt.

(n) Excluding Rs. 7,25,152, on account of the value of Reserve Stock on hand on 31st March 1909, the net closing balances amounted to Rs. 23,13,438, and Rs. 17,18,861 respectively.

(o) In this year the General Tax was raised from 8 to 9½ per cent. There was also an increase in the Town Duties.

(p) Includes large increases principally under General Superintendence, Public Gardens, New Works, Contribution to the C. I. Trust, Education, Miscellaneous and Debt.

(q) Excluding Rs. 6,58,864 on account of the value of Reserve Stock on hand on 31st March 1910, the net closing balances amounted to Rs. 21,96,540 and Rs. 17,29,819, respectively.

IV.—Assessment and Collection of Revenue.

51. The total amount collected under all heads exclusive of miscellaneous receipts and toll fees was Rs. 73,66,179, against Rs. 66,01,970, collected in 1908-09. The increase of Rs. 7,64,208 was partly due to the General Tax being raised from 8¾ to 9½ per cent. but in a greater degree to the increase in the rateable value. The final gross assessment was Rs. 4,94,44,987 against Rs. 4,68,75,766. This was assessed on 59,889 properties against 59,317 in the previous year. Complaints against Assessment were 5,013 against 4,576 previously. The number of buildings newly erected, demolished, and enlarged was 1,134, 590 and 449 respectively. The assessment for General Tax was Rs. 4,23,43,116, an increase of Rs. 22,87,366 from the previous year. The demand for the water rate was Rs. 19,57,485 or Rs. 5,482 less than in the former year, the proportion demanded on account of meter measurement being considerably smaller than before. The demand for Halalkhore services was Rs. 12,02,386 against Rs. 11,33,797,

an increase of Rs 68,588. In all the total demand of property taxes was Rs. 72,13,108. From this sum, Rs. 35,023 were allowed as drawback, the result of 8,537 claims. The collections were satisfactory, as notwithstanding the larger demand, the charges outstanding on 31st March 1910, on account of all Property Taxes was Rs. 1,11,861, against Rs. 1,31,000 at the end of the previous year.

52. The tax on vehicles and animals showed a decrease, the demand being Rs. 2,10,718 against Rs. 2,17,044 in the previous year. Out of the total demand, including previous year's arrears of Rs. 2,13,385, Rs. 2,340 were outstanding at the end of the year. Only 432 Motor Cars and 629 Cycles were assessed to the tax.

53. There were 16 appeals to the Chief Judge, Small Causes Court, of which 9 were settled out of Court and withdrawn, 6 were pending and in one the Chief Judge, while reducing the value placed on the land, upheld the principle of assessment.

54. The Miscellaneous Receipts amounted to Rs. 33,598, against Rs. 35,386, while the receipts from the toll rights at the Causeways amounted only to Rs. 20,066 against Rs. 22,566 in the previous year.

55. The preparation of the Election Roll and the General Elections threw heavy additional work on the Department. It appears to have been efficiently administered.

REVENUE AUDIT.

56. The books and balances of the Ward Clerks in the seven Ward Offices were duly examined at the end of each quarter and bills checked in detail after comparison with the Head Office Accounts. The Assessment Books in the Head Office were also examined with a view to ascertain that no property liable to taxation had escaped assessment. The Vehicle and Animal Tax Book maintained under Section 186 of the Municipal Act, was examined and checked. The revenue from the tax on Public Land Conveyances licensed by the Commissioner of Police under Act VI of 1863 was audited and certificates of issue of licenses supplied by that Officer checked with the Register kept in the Chief Accountant's Office. The books of the Toll Farmers at Sion and Mahim Causeways were checked, as were the Revenue Receipts and Vouchers of the different Departments. The number of claims to ⅓th drawback under Section 158 (2) of the Municipal Act scrutinized aggregated 8,587 of which 3,341 were admitted. The number of complaints against valuations under Section 163 of the Municipal Act heard by the Revenue and Refund Audit Officer aggregated 783 and the number of complaints against amendments under Section 167 of the Act investigated by him amounted to 210. The number of decisions on complaints against amendments under Section 167 of the Act scrutinized amounted to 236. The number of claims sanctioned for refund on account of vacancy under Sections 174 to 179 of the Act and on account of over collections aggregated 2,966 representing Rs. 51,105-14-2, a small figure compared to the original demands.

TOWN DUTIES.

57. The total collections for the year amounted to Rs. 29,29,530-10-8 against Rs. 27,26,192-8-10 for the previous year, while the amount refunded was Rs. 15,66,411-4-0, the net revenue being thus Rs. 13,63,119-6-8 against Rs. 13,23,181-15-10 in the past year. The proportion of the amount refunded to the total originally collected was thus nearly 54 per cent. and in sugar amounted to 73 per cent. A tax that involves so much refunding,

with the consequent trouble involved both to Merchants and the Municipal Offices is clearly not an ideal one, but the net collections amount to a sum which the Municipality cannot afford to lose. The system of marking sugar imports with Municipal Marks came into increased favour, and when this is generally adopted, the trouble involved in the process of refund will be much reduced. The number of refund claims was 48,254 against 45,783 in the previous year.

V.—Public Works.

DRAINAGE.

58. The engines and pumps at the Love Grove Pumping Station worked fairly satisfactorily during the year but considerable trouble was experienced after the close of the monsoon in keeping the pump valves in good order owing to the frequent presence of kerosine oil in the sewage which caused rapid deterioration of the rubber faces of the valves. The reasons for the presence of this oil are being inquired into.

59. The machinery at the Colaba Air Compressor Station and the Ejector Stations served from it worked satisfactorily during the year.

60. The machinery at the Love Grove Air Compressor Station and the several Ejector Stations in the Parel, Chinchpoogly, Agripada, Malabar Hill and Mazagon Districts also worked satisfactorily. Progress has been made with the work of constructing the new screening and detritus chambers at Love Grove.

61. The details of several sewerage and drainage works carried out during the year are given in the Engineer's report. It will be seen that the quantity of sewage lifted was 102 million gallons more than in the previous year.

WATER WORKS.

62. The rainfall was exceptionally good during the year 1909 at *Tansa Lake*. It amounted to 101·87 inches against 90·18 inches in 1908. The total quantity of water received in the lake from 1st June to 1st October 1909 including that which overflowed at the waste weir (*viz.* 28,684 million gallons) and that which passed into the duct in 122 days (*viz.* 2,425 million gallons) amounted to 39,546 million gallons. This quantity of water is equal to 50·86 per cent. of the total rainfall over the catchment area of 33,600 acres.

63. *Vehar Lake.*—The rainfall was 115·26 inches against 76·54 inches in 1908. The total quantity of water received into the lake from 1st June to 1st October 1909 was 8,667 million gallons. Deducting from this quantity 815·09 million gallons which were received from the waste weir of Tulsi Lake, the remaining quantity of 7,851 million gallons is equal to 77 per cent. of the total rainfall over the catchment area of 3,900 acres. There were 4 bursts on the 32″ Vehar Main.

64. *Tulsi Lake.* The rainfall was 127·05 inches against 101·96 inches for 1908. The total quantity of water received into the lake from 1st June to 1st October 1909 was 2,924·68 million gallons. This quantity is equal to 59·71 per cent. of the total rainfall over the whole catchment area of 1,700 acres.

65. The water-proofing works at the Bhandarwada Reservoir made satisfactory progress throughout the year. The Malabar Hill Reservoir will be dealt with when the efficacy of the work at Bhandarwada has been examined.

66. 117 bursts were detected during the year against 132 detected during the past year.

67. The number of new connections made was 644 and the total number of connections standing at the end of the year was 22,410. The number of cases in which the sanction of the Standing Committee was obtained for disconnections aggregated 262. On the whole the water supply during the year may be said to have been satisfactory, though improvements are required in some portions of the town.

WATER WORKS SPECIAL BRANCH.

68. 760 underground and 5,397 aboveground defects were detected and remedied. Some of these defects were of a very extensive nature. A very considerable of wastage was discovered.

REGULATION OF STREETS AND BUILDINGS.

69. The number of applications for permission to either build or rebuild houses etc., aggregated 3,198 against 3,827 during the past year. 4,916 notices were issued on house owners under various sections of the Municipal Act. In 1,360 cases prosecutions were instituted in the Magistrates' Courts against house owners for not complying with the terms of notices served upon them. Out of these in 533 cases the parties complied with the Municipal requirements before the service of summonses and the cases against them were therefore withdrawn and in 290 cases the parties were warned and discharged, in 339 cases they were convicted and fined and 198 cases were postponed at the close of the year. The number of cases in which the Magistrates, while finding the charge proved, inflicted no punishment, was again regrettably large. 342 notices were issued for the removal of unsafe, dangerous or ruinous buildings, 296 of these were complied with either partly or wholly and in 13 cases structures were removed by the Municipality and 33 cases were pending at the close of the year. 17 buildings or parts of buildings fell down before they were observed by the Building Department. In 9 cases no injury was done and in the remaining 8 cases 10 persons were killed and 16 were injured. Action was taken for the removal of 960 inflammable and insanitary huts, of these 931 were removed and 29 cases were pending at the close of the year. Para. 185 of the Executive Engineer's report gives details of the number of cases submitted to the Standing Committee for the removal of the unauthorised works. 7,106·65 square yards of ground costing Rs. 3,40,560-15-4 was added to streets, a rate of expenditure that cannot be maintained in future years.

ROADS.

70. The area of roads metalled (full metalling and full patching) during the year was 4,378,749 square feet at a cost of Rs. 2,50,186-5-10, rates for full metalling and full patching working out at 11·28 and ·9·23 pies per square foot respectively. The Roads and Buildings Branches of the Engineering Department were separated in January 1909; since then each Road Inspector is made to keep a register of measurements of full metalled portions of roads with details of receipts and issues of road materials which ought to lead to increased efficiency and economy. The work of tarring the surface of roads was carried on at some important places in the Fort. Of the Road between the Crawford Market and Elphinstone College a portion measuring 56,400 square feet was tar-painted at a cost of Rs. 9,355, this gives the rate of Rs. 1·66 per 100 sq. ft. The Road grant will undoubtedly have to be increased to meet the constantly rising demands upon it. Disturbances by various agencies, but especially by the Gas and Telephone Companies and the Water Works Department caused nearly 29 miles out of the

160 miles of roads in the City to be taken up. Three street refuges combined with gas lamps were put up at Hornby Vellard, Queen's Road Junction with Marine Lines and Queen's Road Junction with Princess Street. No new tram rails or extensions were laid during the year and the tram tracks were fairly well maintained.

PUBLIC LIGHTING.

71. The total number of gas lamps at the end of the year was 4,784, an increase of 352 over the previous year, and the total number of kerosine oil lamps was 1,829. The total cost of gas lighting amounted to Rs. 2,96,980-8-2 and the net cost of kerosine oil street lighting amounted to Rs. 44,615-2-4, the oil used being 150° Snow Flake Brand and 125° Bulk oil.

MUNICIPAL WORKSHOPS.

72. The Municipal Workshops kept in repairs numerous articles of plant and machinery used by different Departments and a large number of new works were executed there. The high rent now payable to Government for a portion of the land required will accelerate the erection of new workshops at Foras Road, for which arrangements are in hand.

73. The working of the Motor Meat Van for the conveyance of carcasses of mutton during the year was more satisfactory than in the previous year. It worked for 300 days as compared with 207 days in the previous year. The working of the Steam Tractor was fairly satisfactory.

WORKS IN CONNECTION WITH PLAGUE MEASURES.

74. Sites at Chowpatty and Gamdevi were allotted to different communities for erecting Health Camps and latrines, nahanis, water supply and lighting arrangements at different camps were provided by the Municipality. Health Camps were also provided by the Municipality at different places.

GENERAL STORES DEPARTMENT.

75. The value of serviceable stock at the end of the year was Rs. 4,61,821-8-0 against Rs. 4,71,828-15-5 at the end of the previous year.

76. The value of Surplus and Obsolete Stock on the 31st March 1910 was Rs. 45,050-8-5 as compared with Rs. 53,924-9-0 for the past year.

77. The following figures show the value of stores purchased and issued during the year.

Particulars.	General Stores.	Surplus and Obsolete Stores.	Line Suspense Account.
	Rs.	Rs.	Rs.
Value of stores purchased including transfers...	6,23,556 6 9	452 14 0	409 5 5
Value of stores issued including transfers ...	6,33,164 5 1	9,326 14 7	1,766 12 0

78. Details of the contracts entered into by the Stores Department for the purchase of different articles will be found in the Storekeeper's report.

FIRE BRIGADE.

79. The Fire Brigade was maintained in a state of efficiency throughout the year.

80. Three persons were injured at fires and died in Hospital, while one man was killed by throwing himself from the 5th floor of a building on fire at Kalbadevi Road, before a jumping sheet could be spread to catch him. Emergency ladders which can be extended to heights of 60 and 70 feet have been added to all the fire escapes, while a fire escape ladder to reach a height of 75 feet and a motor fire ladder reaching to 80 feet will shortly be added.

81. The Fire Brigade Van carrying implements for the rescue of persons from the debris of fallen buildings was called into requisition on 8 occasions and 35 persons were extricated of whom 8 were found dead and 2 died in Hospital, the remainder being discharged cured.

82. Several Officers and men of the Brigade received injuries in the execution of duty at fallen buildings. The injuries, however, were not serious except in one case where the injured man had to be retired on pension.

83. There were 117 calls to fire, out of which 8 were false alarms. In 61 cases the services of the Fire Brigade were necessary and in 48 cases the fires were extinguished before the arrival of the Brigade.

84. The estimated damage to property through fire aggregated Rs. 15,05,557 against Rs. 23,94,164 during the preceding year, and was the lowest amount since 1903-04 although the number of fires was 10 in excess of the average of the past 10 years.

85. The water supply at fires throughout the year was satisfactory, and the water works staff co-operated efficiently with the Brigade.

86. The successful working of the Brigade was in a very large measure due to the excellent work of the Chief Officer.

PUBLIC GARDENS.

87. The number of public gardens maintained during the year remained the same as in the past year. The Esplanade Band Stand together with the green surrounding it was placed in charge of the Superintendent of Gardens to be maintained as a Municipal Garden. Free public band performances are now given there.

88. The number of visitors at the Victoria Gardens was 1,951,917 against 2,060,343 in the preceding year. The decrease in the number of visitors is probably due to a smaller number of band performances consequent on the provision of a band at the Esplanade Band Stand.

89. In both places the band performances were very popular and may be taken as an indication of a growing taste for music.

90. The number of animals in the collection was kept at about the previous figure, though the mortality was as usual somewhat heavy, due chiefly to the situation of the Gardens. The drainage of the Gardens is, however, being improved and this will, it is hoped, improve the health of the animals. The plants at the Victoria Gardens were maintained at the high standard to be expected with so large and varied a collection though difficulties from scarcity both of labour and of water were experienced.

91. The other Municipal Gardens are of small extent but serve as useful air-spaces for their localities. Two of them, the Northbrook and that at Mahim, had as in previous years to be utilised as plague camps.

VICTORIA AND ALBERT MUSEUM.

92. The Museum was open to the public during 305 days of the year. The total number of visitors was 938,951 against 882,493 during the preceding year, giving a daily average attendance of 3,078. The daily average for the past year was 2,820.

VI.—PUBLIC HEALTH.

93. The total mortality for the year exclusive of still-born was 34,878 against 38,271 for the preceding year. Taking the average mortality for the preceding five years the mortality for the year under report is less by 9,176. 5,197 deaths were attributed to plague against 5,361 for the past year—this is the lowest mortality since the appearance of Plague in the City. The Executive Health Officer's report gives full details of the working of the Health Department and the measures adopted in dealing with plague and other diseases.

94. The number of births registered was 19,839 against 20,166 in the preceding year.

95. The ten Municipal dispensaries have continued to show satisfactory results.

LICENSES.

96. The total amount collected on account of License Fees aggregated Rs. 85,371 against Rs. 84,646-8-0 collected during the preceding year. The number of Licenses issued was 7,204.

97. Two more insanitary Milch Cattle Stables were closed during the year, the total number of stables closed being now 39.

MARKETS.

98. The total revenue from Markets and Slaughter Houses amounted to Rs. 4,67,972-14-0 against Rs. 4,76,558-8-3 in the previous year—a net decrease of Rs. 8,585-10-3. The decrease was principally due to a fall in the scale fees owing to a portion of the area of the Crawford Market having been occupied by building material and to a diminution of Rs. 5,000 in the sum received for the rent of the Fair Ground at Bandra. There was also some decrease in the stall rent received. The amount received on account of fees for the slaughter of animals showed an increase of Rs. 1,525 but this was due to a large increase in the number of buffaloes slaughtered, a heavy fee being fixed for the killing of these animals. The number of horned cattle and of sheep and goats killed for food showed a considerable decrease. The buffaloes presented for examination were almost invariably healthy while out of the horned cattle and sheep and goats about 4 per cent. were found unfit for Slaughter. The fines inflicted by the Presidency Magistrates amounted to Rs. 665 against Rs. 1,017 in the previous year, and were entirely on account of meat improperly brought into Bombay. The quantity of such meat seized and destroyed was 70,726 lbs. against 110,997 lbs. in the previous year. The total amount of unwholesome food—entirely fish and meat—destroyed during the year as unfit for human consumption was however larger than before being 241,774 lbs. against 213,240 lbs. The establishment by the Kurla butchers of an irregular slaughtering place outside Kurla Municipal limits rendered alertness on the part of the staff employed for the purpose of checking the improper importation of meat into Bombay even more necessary than usual.

99. The quality of meat brought to the Markets during the year was fairly good while the vegetable and fruit supply was good and upto the usual standard.

VII.—Educational.

100. The numbers of Municipal Schools and of pupils attending them showed a satisfactory increase, rising from 102 schools with 10,314 pupils to 114 schools with 11,559 pupils. The expenditure rose from Rs. 2,54,888 to Rs. 2,88,202, an excess of Rs. 50,572, over the receipts, and the accumulated surplus of previous years has now been exhausted. The total cost per pupil rose from Rs. 21·5 to Rs. 21·9. The committee are making constant efforts to add to the number of trained teachers, and to provide suitable buildings, and the Municipality have undertaken to borrow a large sum with the latter object. The number of aided schools increased from 112 to 113, and there was an increase in the number of pupils from 11,138 to 11,455. Increased efficiency and improved conditions entailed an increase in the grant from Rs. 32,834 to Rs. 34,098. With the exception of a slight decrease among Native Christians, there was a rise in the number of pupils from every race, the Mahomedans showing the greatest increase.

MUNICIPAL SERVANTS' ACT.

101. The provisions of the Municipal Servants' Act had to be put into operation during the year in the case of the Health Department bigaries who had struck work. Five of the ringleaders were placed before the Chief Presidency Magistrate and were fined Rupee one each.

P. R. CADELL,

Ag. Municipal Commissioner
for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT.

FOR 1909-10.

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FINANCIAL.

REPORT of Mr. W. E. WAITE, Chief Accountant for the financial year 1909-1910, as forwarded with his No. 4011 of 22-7-10.

I HAVE the honour to offer the following remarks on the financial transactions of this Municipality for the year 1909-1910.

2. Although the documents necessary for the preparation of my report were required to be punctually sent on the 25th May, many of them were not sent on that day. Although the date on which my report is now forwarded is earlier than was usual for years, so long as Heads of Departments do not personally see that documents are despatched to this office on due date, my report cannot but be delayed and further acceleration in the date of submission is not possible.

GENERAL RESULTS.

3 Owing to a shrinkage in the Surplus Cash Balances concurrently with an increase in Revenue Expenditure for Education, Contribution to the C. I. Trust, payment of Local Allowances to the staff owing to the rise in prices and re-organization of the Engineering Department, it became imperative to raise taxation. The General Tax was accordingly levied at 9⅛ per cent., making with the fire Tax of 3/8 per cent. a total of 9½ per cent. against the rate of 8⅜ per cent. prevailing in 1908-1909. The Water Tax continued to stand at 3⅛ per cent. but the rate charged to Railways for water supplied by meter measurement was reduced from As. 10 to As. 9 per 1,000 gallons and to the Port Trust from 9½ As. to 9 As. The Income amounted to Rs. 1,12,13,864 against Rs. 1,02,86,048 in the preceding year, showing an expansion of revenue of Rs. 9,27,816 which will be found dealt with further on under "Income". The expenditure of the year aggregating Rs. 1,13,97,050 shows an advance on the previous year of Rs. 7,66,924, and is dealt with under "Revenue Expenditure". The net result of the year's working is a deficit of Rs. 1,83,186 against a deficit of Rs. 3,44,078 during 1908-1909.

4. The original Budget Estimates of revenue stood at Rs. 1,08,60,000. This was increased to Rs. 1,09,67,270 in the Revised Estimates to provide for the expansion which was then perceptible. The figures actually realized, *viz*, Rs. 1,12,13,864 indicate an increase of Rs. 3,53,864 over the original estimate and of Rs. 2,46,594 over the Revised Estimate.

5. The expenditure for the year, *viz*, Rs. 1,13,97,050 shows an increase of Rs. 5,36,248 on the original Budget Estimate of Rs. 1,08,60,802. As compared with the finally amended estimate of Rs. 1,21,36,875 there remained an unexpended balance of Rs. 7,39,825 out of which renewals of grants to the extent of Rs. 5,67,954 are required to meet expenditure in 1910-1911 and future years, thus leaving a net saving of Rs. 1,71,871 on the final estimates for the year.

Opening & closing working balances.

6. Including recoverable advances to the extent of Rs. 2,89,411 for administrative purposes, and Rs. 7,12,338 reserved for the renewal of lapsed grants for 1908-1909 and previous years, the year opened with a working cash balance of Rs. 23,13,438. It closed with a balance of Rs. 21,96,540 of which Rs. 5,67,954 represent the renewal of lapsed grants for 1909-1910 and previous years, Rs. 1,00,000 the minimum cash balance required by law, and Rs. 8,35,000, the balance required to be reserved to meet the contribution to the C. I. Trust on the 1st April 1910.

Reserve stores stock.

7 The sum standing at the debit of "Reserve Stores Stock" at 31st March 1910, including Surplus & Obsolete Stores of the value of Rs. 45,050, aggregated Rs. 6,58,863 as compared with Rs. 7,25,152 (including Surplus & Obsolete Stores of the value of Rs. 58,131) at the beginning of the year. There was thus a net decrease of Rs. 66,289.

Additional & lapsed grants.

8. The sums made available for expenditure during the year in addition to the original Budget grants aggregated the very large figure of Rs. 12,76,073. The grants lapsing to Surplus Cash Balance and requiring renewal in 1910-1911 aggregated Rs. 5,67,954 as compared with Rs. 7,12,338 renewed in 1909-1910.

Surplus Cash Balance.

9. Including all recoverable advances, except lapsed grants to be renewed in 1910-1911 and Rs. 1,00,000 required to be reserved under the Act, the Surplus Cash Balance at the close of the year aggregated Rs. 15,28,586 against Rs. 15,01,099 at the beginning of the year, bringing out an increase in available balances of Rs. 27,487.

10. This surplus it may be pointed out includes a sum of Rs. 8,35,000 reserved for the C. I. Trust for payment on 1st April 1910 and has already been entrenched on to the extent of Rs. 78,936 during 1910-1911. The recoverable advances moreover include a fairly large sum which it was thought might be recovered from Government but no inconsiderable portion of which it is now found must be borne by the Municipality.

Incidence of taxation.

11. The population of Bombay as indicated by the Census of 1901 was 7,76,006 which was increased to 9,77,822 by the special Census of 1906. The incidence of taxation per head of population during each of the five years ending with 31st March 1910, worked out on the figures of the Census taken in 1901 and in 1906, compares as under :—

	On the Census of 1901.			On the Census of 1906.		
	Rs.	a.	p.	Rs.	a.	p.
1905-06	10	0	6	7	15	5
1906-07	10	11	3	8	7	10
1907-08	10	14	5	8	10	5
1908-09	11	4	1	8	14	11
1909-10	12	6	4	9	13	5

Income outstandings.

12. The outstandings of rates and taxes at the close of the year 1909-10 stood at Rs. 1,14,806 against Rs. 1,34,111 in the previous year, thus showing a decrease of Rs. 19,305 as follows :—

Outstandings at	General Tax.	Water Tax.	Halalkhore Tax.	Wheel Tax.	Meter Hire.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
31st March 1909 ...	59,792	44,438	26,770	2,550	561	1,34,111
31st March 1910 ...	53,801	33,942	24,118	2,340	605	1,14,806
Decrease ...	5,991	10,496	2,652	210	44 Increase	19,305

Comparison with 1908-1909 (*a*) Income.

13. As compared with the year 1908-09, when the Income realized amounted to Rs. 1,02,86,048, the receipts for the year under review show an increase of Rs. 9,27,816 due to the continued expansion in our stable sources of revenue.

(*b*) Expenditure.

14. The total revenue expenditure for the year shows an increase of Rs. 7,66,924 on the previous year. The increase is due chiefly to (*a*) increased outlay of Rs. 38,056 under General Superintendence, increase of Rs. 3,31,475 under Miscellaneous General, increase of Rs. 3,30,000 under Contribution to the City Improvement Trust and Rs. 78,900 under Debt.

Debt.

15. The Municipal Debt at 31st March 1909 stood at Rs. 5,20,22,938. During the year the 15 Lakhs Loan for Street Improvements and the first instalment of 15 lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City were raised, and Rs. 1,14,734 having been repaid, the balance payable at 31st March 1910 amounted to Rs. 5,49,08,205. The increase in our liabilities was in consequence of the raising of the abovementioned loans.

Sinking Fund.

16. Against the outstanding debt the Sinking Fund Investments on the 31st March 1909, amounted to Rs. 85,31,186. To this were added during the year Rs. 5,36,608 on account of annual Sinking Fund Instalments and Rs. 3,71,843 on account of Interest on the invested funds, bringing the total Sinking Fund Investments at 31st March 1910 to Rs. 94,39,637.

Loan works.

17. The original Budget Estimate amounted to Rs. 36,18,969 and the revised estimate was placed at Rs. 34,32,546 against which the total expenditure incurred during the year amounted to Rs. 21,85,805. Against a Budget estimate of Rs. 18,77,198 and a revised estimate of Rs. 22,47,264, the actuals amounted during the previous year to Rs. 16,84,141.

Plague expenditure.

18. In this year the expenditure on Plague Operations was, as in the previous year, financed from Current Revenue, the amount expended during the year being Rs. 2,00,915. This sum raised the total expenditure of this Municipality for Plague purposes from the commencement of Plague Operations in 1896-97 to the close of the year to Rs. 72,31,313.

INCOME.

Comparison between Budget estimates and acutals.

19. A detailed comparison between the Budget estimates and the Actuals will be found in Appendix No. 2.

20. As in previous years the Income exceeded the original Budget estimates, the net excess in the year under review being Rs. 3,53,864 which includes decreases totalling Rs. 78,489 in consequence of increased expenditure resulting in a falling off on the profits accruing from the investment of our Surplus Balances, Market Receipts and loss on Municipal Workshops &c. The gross increase in Income aggregated Rs. 4,32,353. While framing the revised estimates, it was thought that the situation had been approximately correctly gauged by increasing the estimates by Rs. 1,07,270. Owing to the defective information available in regard to the Water Tax any higher figure seemed inadvisable. Variations between the original Budget Estimate and the Actuals have been due to the unusually large realizations from the "Water Tax", the increases in the receipts from "Wheel Tax", "Town Duties", "Halalkhore Tax", "Miscellaneous Receipts", "Miscellaneous Fees" and from "Contribution from Municipal servants towards Pension Fund".

21. In the Budget for 1909-1910 the estimated revenue from Water Tax was put at Rs. 19,05,000 and in the Revised Budget increased to Rs. 19,59,000; but the actuals amounted to Rs. 20,11,788, notwithstanding that the Water Tax continued to stand at the reduced rate of 3½ per cent. It will be perceived that there is a steady increase in this source of revenue, but owing to the defective information available in the Water Works Department as already alluded to it has been impossible to arrive at any accurate forecast of the Income from this source. The increase of Rs. 73,491 in the receipts from "Town Duties" is due to unexpected shipments of Sugar to Bombay at the close of the official year. The increase of Rs. 26,346 in the "Halalkhor Tax" is comparatively small.

22. There was an increase of Rs. 56,553 under "Wheel Tax and Tolls" owing to the owners of Victorias having paid their dues during the last quarter of 1909-1910 on account of their licenses for 1910 earlier than usual. The levying of fees for projecting galleries, scaffoldings and such obstructions account for the increase of Rs. 14,850 under "Miscellaneous Fees".

23. The increase of Rs. 10,728 under "Miscellaneous Receipts" is due to increases in ground rent and rent of buildings and to the arrears of rent of telephone lines having been received during the year.

24. The increase of Rs. 35,393 under Contribution from Municipal servants towards Pension &c. Fund is due to the amalgamation of the temporary staff under the Re-organization Scheme with the permanent staff of the Health Department, resulting in the adjustment of contributions already recovered from the staff and outstanding in Deposit Account. The increase of Rs. 76,005 being the part payment received from the C. I. Trust under Section 79 of their Act is a nominal increase. The amount had to be transferred to the Net Premia Fund as per Corporation Resolution No. 6295 of 24-1-1910.

II. COMPARISON BETWEEN REVISED ESTIMATES AND ACTUALS.

25. From Appendix No. 2 it will be seen that the increases under the different heads aggregated Rs. 2,79,379 against which the decreases amounted to Rs. 32,785, thus resulting in a net increase of Rs. 2,46,594. The small increase of Rs. 12,154 in an estimate of Rs. 39,56,000 for "General Tax" calls for no remarks. There was an increase of Rs. 56,553 under "Wheel Tax" owing to the owners of Victorias having paid their dues earlier than usual on account of their licenses for 1910 during the year under report as alluded to in para. 22. As remarked in previous years, it is practically impossible to forecast with any precision the revenue from "Town Duties", which realised Rs. 33,491 more than was anticipated while framing the Revised Estimates. The large increase of

Rs. 52,788 in the Water Revenue is due to defective estimating consequent on the difficulties experienced in getting reliable data from the Water Works Department. The increase of Rs. 10,728 under "Miscellaneous Receipts" has already been explained *vide* Para. 23. The increase of Rs. 16,099 under interest on the Investment of Surplus Loan and other balances is due to the Municipality securing more favourable rates for deposits than anticipated and to the estimate for loan works expenditure falling very short of the estimate. The increase of Rs. 76,005, it has already been explained, is a nominal one.

III. COMPARISON BETWEEN THE ACTUALS FOR 1908-1909 & 1909-1910.

26. As already stated the General Tax was increased from 8 per cent. to 9⅛ per cent. during the year. The Income for the year under review (*vide* Appendix No. II.) exceeded that of the previous year by Rs. 9,27,816. The large increases received will be noticed under General Tax, Rs. 6,74,212, Wheel Tax, Rs. 21,696, Town Duties, Rs. 1,27,171, Halalkhore Tax, Rs. 73,123, Contribution from Municipal servants towards Pension &c. Fund, Rs. 34,732, Interest on Sinking Funds Investments, Rs. 29,435 and Interest at 3 per cent. on Corporation lands made over to the C. I. Trust, Rs. 41,241.

27. The position as regards our principal sources of Income, *viz*, General Tax, Water Tax and Halalkhore Tax continues satisfactory as will be seen on a reference to the accompanying statement comparing the receipts from these sources during the year 1908-1909 and 1909-1910 according to the Assets and Liabilities system of accounts. The falling off of Rs. 23,904 on Land Conveyance fees is due to these now being payable to Government under the Police Charges Act. The large decrease of Rs. 1,17,050 under "Miscellaneous Receipts" is due to an unexpected sale in the previous year of Municipal land to the Port Trust in connection with the construction of the Bridge at Mazagaon for the harbour branch railway. The decrease in Workshops receipts of Rs. 11,183 is due to the heavy rent the Municipality have now to pay to Government for their land at Paltan Road occupied by the Municipal Workshops. The decrease of Rs. 11,630 under Miscellaneous Fees is due to smaller receipts from the right of skinning dead animals, and erecting scaffoldings &c.

1908-1909.	Amount.	Total.	Grand Total.	1909-1910.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax at 8¾°/₀—				1. General Tax at 9¼°/₀—			
Total collections booked	32,94,871 3 11			Total collections booked	39,09,083 7 10		
Less— Arrear Recoveries	26,299 13 4			*Less*— Recoveries for previous years	37,327 5 7		
	32,68,571 6 7				39,31,756 2 3		
Add— Outstandings for the year at the close of the year	52,438 5 8	33,21,009 12 3		*Add*— Outstandings for the year at the close of the year	50,531 7 10	39,82,287 10 1	
2. Water Tax and Miscellaneous W. W. Revenue—				2. Water Tax and Miscellaneous W. W. Revenue—			
(3¾°/₀ on the rateable value.) Total collections booked	20,04,188 12 1			3¾°/₀ on rateable value. Total collections booked...	20,11,788 2 2		
Less— Recoveries for previous years... ...	23,664 12 6			*Less*— Recoveries for previous years	31,544 8 6		
	19,80,523 15 7				19,80,243 9 8		
Add— Outstandings for the year at the close of the year	40,645 8 9			*Add*— Outstandings for the year at the close of the year	32,699 15 10		
		20,21,169 8 4				30,12,943 9 6	
3. Halalkhore Tax— Total collections booked	11,19,222 2 11			3. Halalkhore Tax— Total collections booked	11,92,845 11 9		
Less— Recoveries for previous years... ...	12,202 5 9			*Less*— Recoveries for previous years	16,023 6 0		
	11,07,019 13 2				11,76,822 5 9		
Add— Outstandings for the year at the close of the year	24,288 9 2			*Add*— Outstandings for the year at the close of the year	21,880 11 10		
		11,31,308 6 4	64,73,487 10 11			11,98,203 1 7	71,93,434 5 2

Net Income from Property Taxes for 1909-10...		Rs. 71,93,434 5 2
Less—Difference if the General tax had been levied at 8¾ °/₀ as in 1908-09 ... ...Rs.	4,71,656 11 2	
Add—Difference in consequence of the reduction in rate during the year from As 10 and 9¼ respectively to As 9 for water supplied by meter measurement to the Railways and the Port Trust ... ...

28. Summing up the position in regard to our revenue for 1909-1910, as compared with 1908-1909, I think that, allowing for similar rates of taxation for the two years, the permanent expansion of our revenues during 1909-1910 may be put at 2½ Lakhs.

OCTROI DUTIES.

29. As usual the various articles on which duty was levied at the time of import under the Provisions of Section 192(1) of the Municipal Act, the amount levied and the refunds allowed thereon under Section 192(2) on their export, are shown in Appendix No. 3.

30. The gross collections for the year having been estimated at Rs. 29,00,000, and the refunds at Rs. 15,50,000, a net revenue of Rs. 13,50,000 was provided in the Budget for 1909-1910. The actual gross realizations were more than the estimate by Rs. 29,531; the refunds paid by this Department during the year were less than the estimate by Rs. 48,204 and the balance at the close of the year being more than the opening balance by Rs. 4,244, the net result was an increase of Rs. 73,491 over the Budget Estimate as shown in Appendix No. 2. The net revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 14,23,491 against Rs. 12,96,320 in the preceding year and the net realizations, after deducting the cost of collection, amounted to Rs. 13,04,576 against Rs. 11,80,991, in the previous year.

31. The gross collections for the year under review with the refunds therefrom will be found compared with those of the preceding year in Appendix No. 3 B. It will be perceived therefrom that there were increases under Sugar, Wines and Spirits, Beer, and Timber and decreases under Grain and Ghee as compared with the revenue derived from these sources last year.

REVENUE EXPENDITURE.

I.—Grants for Expenditure from Current Revenue.

32. From Appendix No. 4 it will be seen that the grants originally sanctioned by the Corporation under Section 129 of the Municipal Act aggregated Rs. 1,08,60,802. To this were subsequently added (1) Rs. 4,34,242 on account of lapsed grants for 1907-1908 and previous years, including transfers sanctioned in 1908-1909 not utilized in that year, and Budget grants for 1908-1909 not wholly or partially utilized in that year, sanctioned by the Corporation in 1909-1910, (2) Rs. 2,78,096, on account of lapsed grants for 1908-1909 and (3) Rs. 6,85,024 on account of additional grants sanctioned for unforeseen expenditure during the year, including Rs. 751 received by us in excess of the estimate on account of interest on Net Premia Fund Investments, Rs. 76,005 received by us from the C. I. Trust under Section 79 of their Act and transferred to the Net Premia Fund as per Corporation Resolution No. 6295 of 24-1-1910. The total sanctioned grants for the year aggregated Rs. 1,21,36,875.

33. The transfers made from one Budget head to another without in any way affecting the total Budget provision for the year amounted to Rs. 1,04,113.

34. The principal items above Rs. 10,000 making up the additional grants of Rs. 6,85,024 above referred to are :—

		Rs.	a.	p.
(1)	To meet the payment of Grain Compensation Allowance to certain Municipal Employes for six months from the beginning of the year 1909-1910	1,02,000	0	0
(2)	To meet the cost of the special staff and medicines proposed to be placed at the disposal of the Special Officer appointed by Govt. to conduct investigations in connection with the epidemic of Malaria in the City	12,000	0	0
(3)	To meet the cost of purchasing three motors for the removal of town sweepings.	36,270	0	0
(4)	To meet the cost of local allowances payable to Municipal employes for the year 1908-1909...	51,000	0	0
(5)	To meet the payment of Plague allowances to Municipal employes ..	10,000	0	0
(6)	Payment to Govt. of rent in respect of plots of Govt. land at Paltan Road occupied by the Workshops and Health Deptt. stable &c....	13,959	10	0
(7)	Writing off the loss sustained by the sale of certain unserviceable stores	61,555	13	7
(8)	To meet the payment of Grain compensation allowance to certain Municipal employes	22,000	0	0
(9)	Payment of local allowances to employes of Schools Committee with effect from the 1st June 1908	17,472	0	0

		Rs.	a.	p.
(10)	Payment of Grain compensation allowance for a further period of six months from the 1st September 1909 at the rates of Rs. 1-8-0 to the Municipal employes whose pay is Rs. 16 and under per month and of Rs. 3 per month to those whose pay exceeds Rs. 16 but does not exceed Rs. 30 per month	1,00,000	0	0
(11)	Payment to the B. B. & C. I. Railway of charges in respect of the removal of refuse from the loading siding at Colaba to Mahaluxmi	12,000	0	0
(12)	To meet the cost of constructing a broad V shaped open drain from the top to the bottom of the ravine on the Western side of the Malabar Hill Reservoir	11,901	0	0
(13)	To supplement the grant for law charges for 1908-09 and previous years	26,783	0	0
(14)	To meet a portion of the excess in the grant for feed of Health Department bullocks	26,700	0	0
(15)	To supplement the grants for local allowance	12,000	0	0

II.—Comparison between the Grants as finally sanctioned and Actuals.

35. As stated in para 32 the grants finally made available for expenditure during the year aggregated Rs. 1,21,36,875—an unprecedented figure—(*vide* Appendix No. 5) against which the total expenditure actually booked amounted to Rs. 1,13,97,050, leaving an unnecessarily high unexpended balance of Rs. 7,39,825. Out of the latter amount Rs. 5,67,953 are required to be renewed for expenditure in 1910-1911, leaving a saving of Rs. 1,71,872 or 1·42 per cent. on the total sanctioned grants minus renewals against 1·55 in the preceding year. The following figures show the percentage of savings to the sanctioned grants for the last five years :—

Year.	Final sanctioned grants after deducting savings taken credit for in the Revised Estimates.	Unappropriated net savings.	Percentage.
	Rs.	Rs.	
1905-1906	1,03,25,590	2,44,571	2·36
1906-1907	1,04,32,893	2,46,019	2·36
1907-1908	1,11,62,694	1,70,253	1·52
1908-1909	1,15,21,022	1,78,558	1·55
1909-1910	1,21,36,875	1,71,872	1·42

36. The principal variations between the actuals and the allotted grants which call for remarks are :—

A.	Gardens	Rs.	9,985
B.	Public Works Department	,,	34,052
C.	New Works	,,	19,340
D.	Public Health Department	,,	63,416
E.	Miscellaneous	,,	22,059

leaving minor savings aggregating Rs. 23,020 under other service heads. The causes of the variations under the above heads are explained below :—

A. The saving under Gardens was principally due to Band expenses not having been incurred to the full extent of the grant during the year.

B. Public Works (Engineer's Dept.). The most important of the savings aggregating Rs. 34,052 were as under :—

Water Works (ordinary)	Rs.	9,130
D. Roads and Footpaths	,,	9,662
Public Lighting	,,	4,761
	Total Rs.	23,553

Of the saving of Rs. 9,130 under Water Works (Ordinary) Rs. 4,710 were under Materials, tools and plant, Rs. 1,275 were under rent, Rs. 1,487 were under Establishment on account of absentees. The remaining small savings call for no special remarks.

The savings under D Roads and Footpaths are due to less expenditure having been incurred during the year on cartage in consequence of the vigilant watch of the test audit branch of this department on the working of carts hired by the Road Department.

Public Lighting. The saving is due to the full number of lamps provided in the Budget not having been availed of.

C. New Works. The saving of Rs. 19,340 under this head was due to less expenditure having been incurred on different works than originally estimated.

D. Public Health Department. Of the saving of Rs. 63,416 in this Department, Rs. 3,370 were effected under General Supervision, Rs. 39,804 under Conservancy Branch, Rs. 3,333 under Markets and Slaughter Houses, Rs. 2,261 under Registration of Births and Deaths, Rs. 962 under Cemeteries, Rs. 961 under Tank Conservancy, Rs. 790 under Laboratory, Rs. 3,030 under Infectious Diseases, Rs. 3,435 under Vaccination and Rs. 5,308 under Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay.

The saving under Conservancy of Rs. 39,804 was principally due to the full house drain inspectorial staff not having been appointed, to maximum salaries not having been drawn in certain cases, to the full strength of cart drivers not having been employed and to new bullocks not having had to be purchased on account of the purchase of three motors for carrying kutchra during the year.

E. Miscellaneous. There was a saving of Rs. 17,815 under Grain Compensation as it had to be stopped on account of improvement in the prices of grain during the year.

The other small savings under different heads call for no special remarks.

III. Lapsed Grants.

37. The grants lapsing at the close of the year and requiring renewal in 1910-1911 aggregate Rs. 5,67,953. The heads under which the renewals are required will be found in Appendix No. 5. It will be seen that the principal renewals are in General Superintendence, Public Gardens, Public Works, New Works, Public Health Department and Debt. The amount proposed to be renewed in 1910-1911, as compared with the preceding year (Rs. 7,12,338), shows a decrease of Rs. 1,44,385. The percentage of renewed grants to grants allotted shows a most satisfactory decrease being 4·67 against 6·18 in 1908-1909 and 7·2 in 1907-08, 6·38 in 1906-07 and 6·84, in 1905-06. The following percentages of lapses to grants sanctioned, however, still call for improvement :—

	Per cent.
General Office Establishment	27
Victoria Gardens	21
Water Works, Ordinary	10
Oiling and Tarring Roads	58
New Works...	45

The Lapsed Grants under "New Works" and "Debt" alone amounted to over Rs. 3,10,000. The latter which amounted to Rs. 1,58,000 cannot be helped, and though considerable improvement has been made, there is still an unexcusable degree of laxity in working upto sanctioned grants and in submitting bills for work done and till Officers in charge of Works and Departments insist on the prompt commencement of works and the early submission of bills, instead of delaying them, as sometimes happens now for over six months, the present large percentage of lapsed to sanctioned grants will continue notwithstanding the continual complaints made by this Department.

IV. Comparison between the Actual Expenditure during 1908-09 & 1909-10.

38. The Revenue expenditure of the year under report, as compared with the preceding year, shows increasses aggregating Rs. 10,77,525 under certain heads, and decreases aggregating Rs. 3,10,601 under others, thus leaving a net increase of Rs. 7,66,924. The principal variations are explained below :—

A. General Superintendence. There was an increase of Rs. 7,479 under Corporation and Standing Committee's Establishment due principally to the acting arrangements which had to be made while the Municipal Secretary was on Privilege leave, to the employment of temporary establishment for the printing of Municipal Acts of 1865 and 1872, together

with the proceedings of the Legislative Council appertaining thereto and to increased printing charges during the year. The increase of Rs. 22,088 under General office Establishment was partly due to General Election expenses and partly to the law charges of 1908-09 and previous years having had to be paid during the year. There was an increase under Accounts and Expenditure Audit Establishment of Rs. 8,853 due to the additional staff employed for carrying on Test Audit and to cope with the largely augmented work of the Paymaster owing to increased payments.

B. Assessment & Collection Deptt. Owing to the increments and increased Conveyance allowances to Ward clerks there was an increase of Rs. 9,918 under the Property and Wheel Tax Establishment. There was an increase of Rs. 4,414 under Town Duty Collection owing to more commission charges having had to be paid in consequence of increased revenue from Town Duties.

There was a decrease of Rs. 18,679 under Licensing Establishment on account of the Land Conveyance, Music &c., Licensing Establishment having been transferred to Government in accordance with the Police Charges Act.

C. Fire Brigade.—There was a net decrease of Rs. 9,469 under this head. There were increases on account of the purchase of motor and steam fire engines and the employment of additional staff in connection therewith and decreases on account of the purchase of a smaller quantity of canvas hose and telescopic ladders and other appliances and boiler with fittings for a steamer in the previous year.

D. Public Gardens.—The increase of Rs. 3,309 under New Works, Victoria Gardens was in consequence of no charges on account of new works having been passed and paid during the previous year. The increase of Rs. 2,252 was due to our having had to maintain the New Esplanade Garden during the year. The other small increases and decreases under other heads call for no special remarks.

E. Public Works Engineer's Department.—The net decrease of Rs. 6,290 is made up as follows :—

		Increase.	Decrease.
(1)	General Supervision and Miscellaneous Duties ...	6,304	...
(2)	Mechanical Branch...	36	18,481
(3)	Sanitary, Disposal of Town Sweepings	879	...
(4)	Drainage Branch	113	6,376
(5)	Water Works, Ordinary and Special	4,217	7,025
(6)	Streets and Buildings Branch	81,756	64,713
		90,305	96,595

(1) The increase of Rs. 6,304 under "General Supervision" is due to the increment payable to the Executive Engineer and to the Deputy Executive Engineer, Mechanical Branch.

(2) The decrease of Rs. 18,481 under "Mechanical Branch" is due to less repairs to machinery at Love Grove Pumping Station and to the rate of coal being less than in the preceding year.

(3) The small increase of Rs. 879 under "Sanitary, Disposal of Town Sweepings" calls for no remarks.

(4) The decrease of Rs. 6,376 under "Drainage" was owing to less repairs and alterations to miscellaneous drains and gutters.

(5) There were large increases amounting to about Rs. 13,500 under this head under different sub-heads but the amount of Grain Compensation having been shown separately under "Miscellaneous" during the year, these increases have been reduced to Rs. 1,217 as shown in the statement. The increases were principally due to additional staff employed, more rent having had to be paid, more repairs executed and more tools and plant purchased during the year. The decrease of Rs. 7,025 under Water Works Special is due to less repairing and renewing underground portions of service pipes, &c.

(6) *Streets and Buildings* There was an increase of Rs. 81,756 due partly to increases in the Establishment in consequence of the re-organization of the inspectorial staff, to the lighting of additional lamps and to increased expenditure on road watering. The decrease of Rs. 64,713 was partly due to a steam roller having been purchased during the previous year, to less expenditure incurred under Maintenance of Roads and Footpaths during the year and to payments on account of Grain Compensation having been shown in 1908-09 under "D Roads and Footpaths" while they have been shown separately during the year under "Miscellaneous."

F. New Works. There was an increase of Rs. 4,683 owing to more works having been executed during the year.

G. Public Health Department. There are increases aggregating Rs. 56,016 and decreases amounting to Rs. 1,25,937 under this head, thus causing a net decrease of Rs. 69,921. The principal increases and decreases were as follows :—

		Increase.	Decrease.
		Rs.	Rs.
(1)	General Supervision	12,807	...
(2)	Conservancy Branch	...	1,31,185
(3)	Markets and Slaughter Houses	17,926	...
(4)	Registration of Births and Deaths	6,959	...
(5)	Vaccination	2,788	...
(6)	Expenditure in connection with the investigation of the committee appointed by Govt. to enquire into the prevalence & causation of malaria & other fevers in Bombay	14,278	...
(7)	Contribution payable to the Bombay Medical Congress	...	10,000

(1) *General Supervision.* The increase of Rs. 12,807 under this head is principally due to additions to staff and revision of salaries, to the opening of the seven Deputy Health Officers' Offices and to the purchase of furniture for these offices.

(2) *Conservancy Branch.* The decrease of Rs. 1,31,185 is due principally to the amount of "Grain Compensation" having been shown under this head during the previous year while it has been shown separately under "Miscellaneous" during the year.

(3) *Markets & Slaughter Houses.* The increase of Rs. 17,926 under this head is due to increase in the staff, to the construction and renewal of meat vans, to the purchase of additional bullocks, to the increased charges on account of feed and to the payment of arrears of rent at an increased rate to Government on account of the ground occupied by the Bandra Slaughter Houses.

(4) *Registration of Births and Deaths.*—The increase of Rs. 6,959 is chiefly due to the appointment of three additional Registrars and the revision of salaries of the staff.

(5) *Vaccination.*—The increase of Rs. 2,788 is principally due to contingent charges incurred in the previous year and to the charge allowance and conveyance allowance due to Mr. Dotiwala for the period he held the post of Superintendent of Vaccination having had to be paid during the year.

(6) *Expenditure in connection with the Investigation of the Committee appointed by Government to enquire into the Prevalence and Causation of Malaria and other fevers in Bombay.*—The increase of Rs. 14,278 under this head is due to the prosecution of special enquiries into the causation and spread of malaria.

(7) *Contribution payable to the Bombay Medical Congress.*—The decrease of Rs. 10,000 is due to a special contribution having been paid during the previous year.

H. Stores Department.—The increase of Rs. 1,402 is due to additional staff and to the revision of pay of certain clerks during the year.

I. Education.—The increases under this head amounted to Rs. 20,572 and the decreases to Rs. 4,001. The increase of Rs. 17,472 under Primary Education is due to the payment of local allowance to teachers employed under the School Committee and of Rs. 3,000 under Victoria Jubilee Technical Institute is due to an addition to the contribution to the Institute. The decrease of Rs. 2,708 under Victoria and Albert Museum is due to show cases having been purchased during the previous year and that of Rs. 965 under School Committee's Establishment to a typewriter having been purchased and the salary of the acting incumbent during the absence of the Secretary on Privilege leave having been paid during 1908-1909.

J. Hospitals.—The decrease of Rs. 2,955 under Dispensaries is due to the pay of the three Registrars which was charged to this head during the previous year having been debited to the grant of II Registrars during the year. The increase of Rs. 1,000 is on account of Municipal contribution to the Adams Wylie Hospital.

K. Miscellaneous.—The increases aggregating Rs. 3,55,547 were principally due to the payment of Grain Compensation (Rs. 1,56,518), of local allowance (Rs. 1,13,758), of arrears of rent to Government in respect of Government ground occupied by the Municipal Workshops at Paltan Road (Rs. 13,296), and to a write off of the loss sustained on account of the sale of General, Surplus and Obsolete Stores of the different departments of the Municipality (Rs. 61,555), &c. The decreases aggregating Rs. 24,132 were principally due to writing off the irrecoverable charges in connection with the Banganga case during the previous year.

L. Contribution to the C. I. Trust.—An increased contribution of Rs. 3,30,000 had to be made to the C. I. Trust during the year calculated on the increased needs of the Trust and the statutory obligations of the Municipality.

M. Plague expenses.—This head shows a decrease of Rs. 22,413. The decrease is fully explained in the remarks under Appendix No. 9 A.

N. Municipal Debt.—The increases amounting to Rs. 81,070 were principally due to the payment of interest for the whole year on the 13½ Lakhs Loan raised during the previous year, and to the payment of interest for the broken period on the 15 Lakhs Loan for Street Improvements and the first instalment of 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City which were raised during the year and to the investment of interest accrued on Sinking Fund Investments.

O. Investments.—The increases aggregating Rs. 77,027 were principally due to the transfer of Rs. 76,005 paid by the C. I. Trust under Section 79 of the Act to the Net Premia &c. Fund as per Corporation Resolution No. 6295 of 24-1-1910.

39. In accordance with the practice introduced by me, I shall now endeavour to estimate what may be looked upon as the permanent addition to our Revenue Expenditure during the year under review. As already stated the net excess in the expenditure of the year over that of the preceding year amounted to Rs. 7,66,924. There were, however, specially heavy debits in 1909-1910 on account of a write off of stores and arrears of rent due to Government, Grain Compensation and "local" allowances and such must be excluded in arriving at a just comparison between the two years.

The rise in the expenditure which characterized the outlay for the year 1908-1909 is again very apparent in the transactions of the year under review and the increase in the recurring normal expenditure of the City again to a considerable extent outstepped the Income *at the prevailing rates of taxation.* I estimate such permanent increase at Rs. 6,40,000 as follows :—

General Supervision	Rs. 20,000
Assessment and Collection	,, 10,000
Fire Brigade...	,, 7,000
Public Gardens	,, 2,000
Public Works	,, 81,000
Health Department...	,, 40,000
Contribution to the C. I. Trust	,, 3,30,000
Education	,, 20,000
Local Allowances	,, 60,000
Debt	,, 70,000
Total Rs...	6,40,000

In para. 28 I have placed the expansion in Income at Rs. 2¾ Lakhs and with an increase in recurring expenditure of Rs. 6,40,000, following on a very material increase in the previous year, the necessity for vigilant attention and control over expenditure should hardly need to be emphasized.

SURPLUS CASH BALANCE.

Appendix No. 6.

40. The Surplus Cash Balance (excluding the minimum balance of Rs. 1,00,000 required by law but including Rs. 8,35,000 reserved for payment to the C. I. Trust on account of contribution from Revenues ear marked for the purpose during the year) stood at Rs. 15,28,586-14-9 against Rs. 15,01,099-11-10 at the close of 1908-09, showing an increase of Rs. 27,487-2-11 caused by the year's deficit of Rs. 1,83,186-2-2, a decrease of Rs. 1,44,385-0-9 in the balance of lapsed grants to be renewed, a decrease of Rs. 66,288-4-4 in the Reserve Stock Balances. The balance of Rs. 15,28,586-14-9 including Rs. 1,00,000

required by law at the close of the year was Rs. 3,38,915-14-9 in advance of the original estimate of Rs. 12,89,671 and also exceeded the balance shown in the Revised Estimate of Rs. 11,80,001-13-10 by Rs. 4,48,585-0-11. The latter increase is due to (1) the extra income realizations amounting to Rs. 2,46,594-1-9 (*vide* para. 25), (2) saving in expenditure amounting to Rs. 1,71,871-6-1 (*vide* para. 35), (3) difference of Rs. 0-4-9 on account of the decrease shown in the opening balance of the revised estimate, (4) plus Rs. 66,288-4-4 on account of decrease in the balance of reserve stock *vide* para. 72, (5) less Rs. 36,169 on account of difference in excess between the amount reserved for additional grants and those actually sanctioned.

41. A reference to Appendix No. 6 will show that I have, in order to avoid any misconception as to our available unhypothecated balances, exeluded the contribution of Rs. 8,35,000 paid to the C. I. Trust on 1st April 1910 from Revenue collected for the purpose during 1909-1910. Our real Surplus Cash Balance unhypothecated to any purpose at the close of the year thus amounted to Rs. 6,93,586-14-9. This is a very much larger balance than I thought would be realized during the pendency of the year under report. All indications seemed to point to the balance working out at about 3½ Lakhs, but our Revenues proved far in excess of the most sanguine expectations and the very decided efforts made towards the close of the year to restrict demands of Executive Officers outside the budgetted figures had a most salutary effect in checking expenditure and contributing nearly 1¼ Lakhs to a surplus balance which was dwindling much below the margin of safety in so large a City as Bombay.

I have in para. 10 (General results Surplus Cash Balance) noted that the enhanced balance has been entrenched upon in 1910-1911 to the extent of Rs. 78,936 and I would further note that an undefined liability has yet to be met under Section 73 (2) of the City of Bombay Improvement Act of 1898.

In my last report for 1908-1909 I stated that we had in respect of our Surplus Cash Balance reached the minimum consistent with safety. I beg to repeat the statement and to add that with demands by the staff consequent on fluctuations in the price of food stuffs, demands which cannot always be provided for in the Budget, it is necessary that our surplus balances should be still further increased and a sum varying between Rs. 2,00,000 and Rs. 3,50,000 earmarked as a reserve famine fund. Every indication points to our being in a position to create such a reserve during the year 1910-1911 and add to our surplus balances and when this is achieved and not till then do I think that we can claim that the reserve balances of this Municipality are commensurate with the large and growing expenditure of this City.

LOANS RAISED.

Appendix No. 6A.

42. The amount of loans raised upto 31st March 1910, as shown in the above appendix, aggregated Rs. 5,12,00,500, the total amount expended on Loan Works stood at Rs. 4,80,62,933-9-10 and the invested balance at Rs. 31,37,566-6-2.

DEBT AND SINKING FUND.

Appendix Nos. 7, 7A & 8.

43. The total Capital Debt of the Corporation at the beginning of the year amounted to Rs. 5,20,22,938-13-3 of which Rs. 23,52,438-13-3 represented the Vehar Debt due to Government, and the balance was due to the public. During the year under report, as decided by the Corporation, on the recommendation of the Commissioner, the 15 Lakhs Loan for Street Improvements and the first instalment of 15 lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of different over-bridges in the City were raised. The amount paid during the year towards the reduction of the Vehar Debt was Rs. 20,233-14-11 and Rs. 94,500 were repaid to certain holders of the debentures of the Drainage Loan of 1878. There was thus a net increase of Rs. 28,85,266-1-1 in the Capital debt of the Corporation, which stood at Rs. 5,49,08,204-14-4 on 31st March 1910 against Rs 5,20,22,938-13-3 at the beginning of 1909-1910. Of the total debt Rs. 23,32,204-14-4 represented the amount due to Government. Against the total debt due, the sinking fund invested upto 31st March 1910 amounted to Rs. 94,39,636-11-10, leaving a net debt liability of Rs. 4,54,68,568-2-6.

44. From statement No. 7 it will be observed that 29 debentures of the aggregate value of Rs. 14,500 of the Drainage Loan of 1878 which were redeemable on 1st January 1906, 1st January 1909 and 1st January 1910 were not surrendered for repayment by the holders upto the close of the year. There was thus an increase of Rs. 2,000 in the outstanding balance at the close of the preceding year.

45. Appendix No. 8, shows that the outstanding interest on the different Municipal Loans at the beginning of the year amounted to Rs. 1,45,843-13-0 which, together with Rs. 22,75,304-1-9 on account of interest payable during the year under report, gave a total liability of Rs. 24,21,147-14-9. Against this the net interest paid by the Bank of Bombay during the year under report amounted to Rs. 22,74,502-15-0 against Rs. 22,26,974-11-1 in the preceding year The outstanding balance at the close of the year under report amounted to Rs. 1,46,644-15-9 or Rs. 801-2-9 more than the figure for the preceding year. The outstanding represents 6·05 per cent. of the total interest payable against 6·1 in 1908-1909.

46. From Appendix No. 7 A it will be seen that the invested balances of the Sinking Fund on 31st March 1910 amounted to Rs. 95,75,860-1-3 which was Rs. 4,998-1-3 in excess of what should have accumulated for the purpose for which the funds have been created. In my last report I stated that some trifling adjustments will have to be made in some of the funds. These are being done during the current year.

The subjoined statement shows the book and market value of the paper held in the sinking fund at the close of the year. It will be seen that on the basis of the market rates our Sinking Funds are on a thoroughly sound financial basis.

Name of Sinking Fund.	5 per cent. Municipal Debentures.	4 per cent. Municipal Debentures.	4 per cent. B. I. Trust Debentures.	3½ per cent Government Paper.	3 per cent. Government Paper.
	Rs.	Rs.	Rs	Rs.	Rs.
5 per cent. Municipal Loans Sinking Fund	34,66,000	3,92,000	5,90,000	5,59,000	.....
4 per cent. Municipal Loans Sinking Fund 3½ per cent. basis	.....	12,16,000	22,36,500	6,53,300	.....
3½ per cent. Municipal Loans Sinking Fund	.....	6,500	30,000	1,60,300	.....
4 per cent. Municipal Loans Sinking Fund 3 per cent. basis	.....	.....	.....	.....	1,31,400
	34,66,000	16,14,500	28,56,500	13,72,600	1,31,400
Market value.	@ 113	@ 98¼	@ 96¼	@ 93¾	@ 80
	39,16,580	15,90,282 8 0	28,06,511 4 0	12,87,670 6 0	1,05,120
Difference ...	+4,50,580	—24,217 8 0	—49,988 12 0	—84,929 10 0	—26,280

EXPENDITURE ON LOAN WORKS.

Appendix No. 9.

47. The total outlay on Loan Works during the year (excluding Plague Expenditure which was met from current revenue) aggregated Rs. 21,85,805-10-10 against Rs. 16,84,141-0-10 in the preceding year, showing an increase of Rs. 5,01,664-10-0. The above expenditure was distributed as under:—

		Rs.	a.	p.
A.	Buildings and Sanitary Structures	2,78,576	3	10
B.	Roads and Overbridges	9,57,549	7	8
C.	Drainage	4,48,256	0	1
D.	Water Works	4,45,817	15	10
E.	Cemeteries	17,601	2	10
F.	Disposal of Town Sweepings	24,427	4	3
G.	Miscellaneous	13,577	8	4
	Total	Rs. 21,85,805	10	10

PLAGUE EXPENDITURE.

Appendix No. 9 A.

48. The charges booked on account of Plague operations during the year, as shown in Appendix No. 9-A, amounted to Rs. 2,00,915-0-5 against Rs. 2,23,328-5-8 in the preceding year, showing a decrease of Rs. 22,413-5-3 in the year. The actual liabilities incurred, however, amounted to more than the charges booked, the Corporation having had to sanction under their Resolution No. 1003, dated 16-5-1910 an additional grant of Rs. 31,000 to meet excesses in the provision for the maintenance of camps, disinfection, rat destruction, Plague allowances to employes removing from infected areas to healthy localities &c.

49. The total expenditure incurred on Plague from the commencement of operations to the close of the year under report aggregates Rs. 72,31,313, and was financed as under :—

		Rs.
(1)	From the 20 Lakhs Plague Loan	20,00,000
(2)	From the Government Contribution	14,50,000
(3)	Amount recovered from the C. I. Trust under Section 79 (3) b (i) & (iii) of their Act and transferred to meet the liability incurred out of Loan Funds	16,00,000
(4)	Advance from Loan Funds	9,10,052
(5)	From Current Revenue	12,71,261
		Rs. 72,31,313

It is appropriate to mention here that there is an outstanding of Rs. 1,11,017-7-3 in Advance Account which has hitherto been taken as recoverable from Government. A careful analysis of the case submitted under my No. 10760 of 21st February 1910 will show that Government can really be charged with only Rs. 61,000. Correspondence with Government is proceeding.

LIABILITIES AND ASSETS.

Appendix No. 10.

50. The gross liabilities of the Corporation were Rs. 5,48,29,769-11-10 at the beginning of the year against Rs. 5,77,22,417-10-10 at its close, showing an increase of Rs. 28,92,647-15-0 caused by the raising of the 15 Lakhs Loan for Street Improvements and the first instalment of 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City during the year.

Assets.

A. Cash and Paper available for Expenditure on Revenue and Capital Projects.

		Rs.	a.	p.	Rs.	a.	p.
(1)	Cash Balance	1,61,875	1	1			
(2)	Surplus Funds Deposits	25,16,756	4	11			
(3)	Loan Funds	31,37,566	6	2			
					58,15,197	12	2
B.	Sinking Funds Investments				94,39,636	11	10
C.	Special Funds Investments				7,55,112	7	5
D.	Advances Recoverable, Paper Deposits, and other items				5,25,626	7	6
E.	Reserve Stock				6,58,863	10	8
F.	Properties				6,13,29,724	3	0
G.	Debt due by the C. I. Trust for land transferred				18,07,495	5	11
					Rs. 8,03,31,656	10	6

51. Comparing the booked assets with the liabilities it will be seen that the former exceeded the latter by Rs. 2,26,09,238-15-8, showing an increase of Rs. 24,93,675-7-3 on the preceding year. An explanation of the increase in the invested balances is dealt with under the head, "Investments & Invested Balances" (paras. 52-56). "Debt" will be found treated of in para 43, "Deposits", "Advances recoverable" and other "Debt" heads are dealt with under "Suspense Accounts" (para. 65 et. seq.), where remarks on the Reserve Stock will also be found.

The question of the revision of the valuation of our properties, it may be pointed out, still remains "in statu quo".

Investments & Invested Balances.

52. When the original Budget Estimates for 1909-1910 were framed, a sum of Rs. 1,50,000 was estimated to be derived from interest on Investments of Surplus Loan and other balances. Owing, however, to the very heavy demands during the year on our Surplus & Loan Balances, the actual realizations amounted to Rs. 1,36,099 or Rs. 13,901 below the original estimates. They were derived on the following accounts :—

		Rs.
(1)	On Current Account Deposits at 2 per cent.	11,549
(2)	On Fixed Deposits	94,632
(3)	On Investments in Government and other Securities	29,918
		Rs. 1,36,099

53. Inclusive of investments on account of the Sinking, Insurance, Worn-out Mains Renewal and Net Premia Funds, the total sum of investments and re-investments arranged for by this Department during the year aggregated Rs. 1,48,05,500 thus:—

		Rs.
(1)	Current Account Deposits	22,00,000
(2)	Fixed Deposits	1,08,00,000
(3)	Investments in Public Securities...	8,36,500
(4)	Sinking and Special Funds	9,69,000
		Rs. 1,48,05,500

54. The average rate of interest on fixed deposits was 4·274 per cent. against 4·442 per cent. in the preceding year. The rates realised for fixed deposits from 28 days to 6 months range from 2 per cent. to 6¼ per cent. The maximum rate realised in the preceding year was 6¼ per cent.

55. It will be observed from Appendix No. 10 B that the invested balances at the close of the year stood at Rs. 1,60,98,671-14-4 or Rs. 41,89,797-3-8 more than the preceding year.

56. The surplus funds investments for the year under review show a large increase owing to a larger cash balance lying uninvested at 31st March 1909. The increase under the Loan Fund Balances is due to the raising of the 15 Lakhs Loan for Street Improvements and the first instalment of Rs. 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City during the year with an over-estimate by Executive Officers of the rate of loan works expenditure. The growth of the sinking funds requires no explanation.

SPECIAL FUNDS.

Fire Insurance Fund.

57. The investment of the annual instalment of Rs. 5,000, plus the investment of accrued interest on invested balances, swelled the fund from Rs. 1,15,137-8-2 on 31st March 1909 to Rs. 1,24,993-9-2 at the close of the year, thus showing an increase of Rs 9,856-1-0.

Worn-out water mains renewal fund.

58. No special contribution was made to this Fund from revenue sources during the year. As the amount expended on renewal work was large this year, amounting to Rs. 28,434-10-0, the fund with the interest realised from invested balances decreased from Rs. 5,77,155-10-11 at the close of the past year to Rs. 5,73,525-15-3 at the close of the year under review.

Net Premia Fund.

59. During the year the 15 Lakhs Loan for Street Improvements and the first instalment of 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City were raised at a discount. The amount of Rs. 76,005-9-6 received from the C. I. Trust under Section 79 of their Act, together with the amount of interest realized on the invested balances to the credit of this fund and the sale of water marked paper less discount, stamp charges, &c., payable on loans raised, contributed to the increase of the balance to the credit of this fund from Rs. 37,577-0-6 to Rs. 56,592-15.

WATER WORKS ACCOUNT.

Appendix No. 11.

Income and Expenditure Account.

60. In the original Budget estimates the Water Works Income was placed at Rs. 19,15,000 and the expenditure at Rs. 19,08,000, showing a surplus of Rs. 7,000. The actual income, however, amounted to Rs. 20,21,827-8-2 (excluding items aggregating Rs. 1,87,063-13-8 on account of interest on investments on the Worn-out Water Mains Renewal and Water Works portion of the Net Premia Funds and on investments of the Water Works portion of the 5, 4, and 3½ per cent. Municipal Loans Sinking Funds which also appear on the expenditure side). There was thus an increase of Rs. 1,06,827-8-2 under Income on the Budget estimate of Rs. 19,15,000. Excluding the items of investments amounting to

Rs. 1,87,063-13-8 above referred to, the expenditure amounted to Rs. 18,80,025-14-3 or Rs. 27,974-1-9 less than the estimate. Adding to the estimated surplus of Rs. 7,000, the excess of Income amounting to Rs. 1,06,827-8-2 and savings in expenditure amounting to Rs. 27,974-1-9, we get a net surplus revenue of Rs. 1,41,801-9-11, as shown in Appendix No. 11.

61. As compared with the preceding year the income for the year under report (excluding the items of interest) shows an increase of Rs. 17,638-12-1 which was derived from taxation both by valuation and by meter measurements and interest realizations of the investment of the unexpended balances of the different Water Works Loans. The expenditure shows an increase of Rs. 4,849-7-2 due to an increase in the apportionment of the General Superintendence &c. charges.

Assets and Liabilities.

62. The payments of Rs. 20,233-14-11 made to Government towards the reduction of the Vehar Debt and of Rs. 35,820-5-6 towards the repayment of the Water Works portion of the Drainage Loan of 1878, reduced the liabilities from Rs. 2,53,61,113-2-5 at the close of the preceding year to Rs. 2,53,05,058-14-0 at the close of the year under report.

63. The assets aggregated Rs. 3,41,64,992-9-7 against Rs. 3,35,48,538-11-1 at the close of 1908-1909, showing an increase of Rs. 6,16,453-14-6 which was made up of (1) Works executed out of different loans and savings on loans (*vide* appendix No. 9) and (2) the Worn-out Water mains Renewal Fund and (3) additions made to the Sinking Fund investments, &c.

64. From Appendix No. 12 it will be seen that the excess of Assets over Liabilities amounted to Rs. 88,59,933-11-7 or Rs. 6,72,508-2-11 in excess of the amount shown in the report for the preceding year.

SUSPENSE ACCOUNTS.

A.—Deposits.

65. The cash deposit outstandings at the close of the year aggregated Rs. 4,80,755-7-9 against Rs. 3,93,896-5-8 and were made up of

		Rs.	a.	p.
1.	Cash Deposits from Contractors	2,55,725	8	7
2.	Cash Deposits received through Departmental Officers...	63,470	9	2
3.	Other Cash Deposits	1,38,487	14	5
4.	Deposits on account of works performed for private parties.	23,071	7	7
	Rs.	4,80,755	7	9

B—INTER-DEPARTMENTAL CHARGES.

1—Workshops.

66. The opening balance was Rs. 23,236-3-6 or Rs. 3,584-13-1 less than in the preceding year.

The cost of labour and supervising staff employed, and of stores used on the works turned out in the shops during the year amounted to Rs. 1,67,348-1-11 against Rs. 1,68,135-12-9 in the previous year. The total outlay in the Workshops during the year together with the opening balance aggregated Rs. 1,90,584-5-5.

The recoveries made during the year, including Rs. 82-14-0 realised by the sale of saw-dust, and Rs. 2,513-1-0 realised by the sale of unserviceable stores, amounted to Rs. 1,74,192-3-9 and the outstanding at the end of the year, including incomplete jobs and value of stores issued in March, aggregated Rs. 15,483-3-0. The net profit of the Workshops was estimated at Rs. 10,000 but the result was a net loss of Rs. 908-14-8, owing to Rs. 10,986-12-0 on account of ground rent payable to Government having now been included in the Workshops accounts during the year.

The outstandings are made up of the following items :—

	Rs.	a.	p.
Stores issued in March 1909 and charged in the accounts for 1909-10 under the system of Stores Accounts	7,024	8	2
Outstanding bills	6,183	13	5
Incomplete jobs	2,274	13	5
Rs.	15,483	3	0

By charging 25 per cent. on all jobs the sum of Rs. 31,423-3-1 was obtained, adding to which (1) the sum of Rs. 2,595-15-0 realised by the sale of unserviceable stores and sawdust and (2) Rs. 698-8-1, the profit realised by the hire of the pumping engine &c., the gross profits of the shop aggregated Rs. 34,717-10-2 from which the following shop and supervision &c., charges amounting to Rs. 35,626-8-10 had to be met, showing a small net loss of Rs. 908-14-8 as stated above :—

		Rs.	a.	p.
1.	Supervising Establishment	23,344	4	8
2.	Shop charges	12,282	4	2
	Rs.	35,626	8	10

*

2—Other Works.

67. The outstanding balances on 31st March 1910 in respect of Departmental and Private Works executed by different branches of the Executive Engineer's Department, excluding Workshops, are contrasted below with those on 31st March 1909. The account is efficient and shows a marked improvement in the recoveries and adjustments made during the year on those of the previous year.

	Balance on 31st March 1909.	Balance on 31st March 1910.	More.	Less.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A.—Departmental Works.					
(1) Drainage Branch.	1,857 10 0	† 2,088 3 1	230 9 1	.....	† Out of this Rs. 365-2-2 represent the value of stores issued in March 1910 and included in the accounts for 1909-10.
(2) Roads & Buildings Branch.	11,038 14 7	3,686 15 6	.....	7,351 15 1	
(3) Water Works Branch.	29,829 14 7	6,270 1 1	.....	23,559 13 6	
Rs. ...	42,726 7 2	12,045 3 8	230 9 1	30,911 12 7	
B.—Private Works.					
Drainage Branch.					
On account of House Connection Works.	3,445 0 10	3,429 15 4	.....	15 1 6	
On account of Ordinary Works.	1,145 5 6	844 0 4	.....	301 5 2	
Total Drainage Branch.	4,590 6 4	4,273 15 8	.....	316 6 8	
Roads and Buildings Branch.	13,821 4 9	6,384 2 11	.....	7,437 1 10	
Water Works Branch.	4,856 9 5	973 14 7	.....	3,882 10 10	
Health Department (Removing Chokes)	8,237 7 1	(a)6,320 0 0	82 8 11	.....	(a) The outstandings are partly for the year 1904-05, partly for the year 1906-07, partly for 1907-08, partly for 1908-1909 and partly for 1909-1910. The house-owners refuse to pay these bills. The Municipal solicitors having advised that the whole of these bills are not recoverable, steps are being taken to recover as many as can be recovered and for the remaining a write-off will be applied for.
Rs. ...	31,505 11 7	19,952 1 2	82 8 11	11,636 3 4	

C.—Advances to Contractors.

68. The outstandings at the close of the year amounted to Rs. 30,478-3-2 against Rs. 18,003-9-2 during 1908-09. The increase is due to an advance of Rs. 12,000 having been made to Messrs. Burn & Co. on account of their contract for the supply of cast iron pipes for laying mains in B Ward which will be adjusted during the current year. The outstanding of Rs. 15,259 against Messrs. Deoram Keshawji & Co. still continues to remain unadjusted as the contractors demur to receiving the amount due to them.

D.—Miscellaneous.

69. Out of the outstandings the following are the principal items :—

		Rs.	a.	p.
(1)	Expenditure in the suit filed by the Tramway Company against the Municipality	4,410	5	7
(2)	Arbitration and other expenses in connection with the purchase of the Tramways	5,623	14	10
(3)	Acquisition of land for the construction of public latrines and urinals &c.	17,265	3	8

As regards the first two items, the outstanding is due to the Tramway Co. disputing to pay certain items. As soon as the dispute is settled, necessary adjustment will be made.

The cost of item No. 3 was proposed to be paid out of Loan Funds. But as Government have recently objected to such charges being defrayed out of such funds the amount will continue to remain as an outstanding until the question whether such charges should be met out of Capital or Revenue is settled.

E.—Charges recoverable from Government.

70. There is a large outstanding under this head of Rs. 1,11,017-7-3, including Plague Charges. The outstanding dates back, as already stated in previous reports, to the accounts for 1904-05. In my letter No. 10916, dated 24th February 1910, addressed to the Commissioner after personally examining the details of the claim, I have shown that the rebate due to the Municipality amounts to Rs. 61,124-1-9. This matter was recently under the consideration of the Committee of the Corporation who have resolved to approach Government with a view to such charges as are debitable to Government being paid by them.

F.—Reserve Stock.

71. The receipts of general stores during the year as per my books aggregated Rs. 6,18,694-13-1 and the issues Rs. 6,18,542-0-6. It will be seen that there was a very small increase in the balance of the current stores during 1909-10, amounting to Rs. 152-12-7. There was a reduction during the year in the balances of Surplus and Obsolete Stores from Rs. 58,131-5-3 to Rs. 45,050-8-5.

The stock was not verified during the year. Of the total stock in hand amounting to Rs. 6,58,863-10-8, Rs. 45,050-8-5 represented Surplus and Obsolete Stores.

The balances of the general *i. e.*, current stores are compared below for the last five years.

	Rs.	a.	p.
Balance at the close of 1905-06...	3,48,837	15	4
Balance at the close of 1906-07...	3,37,244	9	10
Balance at the close of 1907-08...	4,58,055	15	11
Balance at the close of 1908-09...	4,89,688	4	1
Balance at the close of 1909-10	4,89,841	0	8

A report regarding the working of the Stores Department has recently been submitted by me.

I made no test audit of the department during the year.

72. The balance of Reserve Stock in hand at the close of the year as per the General Books of this Office amounted to Rs. 6,58,863-10-8 against Rs. 7,25,151-15-0 at the close of the preceding year, showing a decrease of Rs. 66,288-4-4 as detailed below :—

Departments.	1908-09.			1909-10.				
	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	More.	Less.
1. General Stores Department ...	Rs. a. p. 4,89,688 4 1	Rs. a. p. 58,131 5 3	Rs. a. p. 5,47,819 9 4	Rs. a. p. 4,89,841 0 8	Rs. a. p. 45,050 8 5	Rs. a. p. (a) 5,34,891 9 1	Rs. a. p.	Rs. a. p. 12,928 0 3
2. Water-Works Imprest ...	1,965 11 2	.....	1,965 11 2	(b) 978 0 3	.....	978 0 3	.....	987 10 11
3. Executive Engineer's Department	613 9 6	.....	613 9 6	2,006 13 11	.....	2,006 13 11	1,393 4 5	.....
4. Line Suspense Account ...	1,22,344 10 0	.....	1,22,344 10 0	1,20,987 3 5	.....	1,20,987 3 5	.....	1,357 6 7
5. Parel Plague Stores ...	92 12 8	.....	92 12 8	.....	.....	.....	.....	92 12 8
6. Stock Adjustment Account.	.....	52,315 10 4	52,315 10 4	.....	(c)	.....	.....	52,315 10 4
Total ...	6,14,704 15 5	1,10,446 15 7	7,25,151 15 0	6,13,813 2 3	45,050 8 5	6,58,863 10 8	1,393 4 5	67,681 8 9
							Less—Increase Rs.	1,393 4 5
							Net—Decrease Rs.	66,288 4 4

(a) The difference between this amount and that shown by the Storekeeper is Rs. 28,019-8-8, which is due to documents from Departments not coming to hand, and to some minor adjustments which will be made in the accounts for 1910-11.

(b) Value of stores remaining unused on 31st March 1910 out of the temporary imprest allowed to the Deputy Executive Engineer, Water Works, pending issue of regular imprests to different Municipal Officers as laid down in the Stores Manual.

(c) There is a credit balance of Rs. 10,148-1-6 in this account on 31st March 1910.

STREET IMPROVEMENT.

73. In addition to the annual provision of Rs. 1,00,000 made in the Revenue Budget for payment on account of set-backs acquired by the Municipality, which was wholly spent during the year, the following amounts were available from Loan Funds :—

	Rs.
From savings in Loan Funds...	2,40,000
15 Lakhs Loan for Street Improvements	15,00,000
Rs.	17,40,000

Against this amount of Rs. 17,40,000 claims amounting to Rs. 15,93,293-8-5 were passed and paid up to 31st March 1910, leaving a balance of Rs. 1,46,706-7-7 for meeting further claims. The liabilities incurred upto 30th June 1910 amount to Rs. 10,70,867-10-11. It will be seen that for the net liabilities of Rs. 9,24,161-3-4 there is a provision of Rs. 4,00,000 made in the Loan Works Budget for 1910-1911 under Advances. But the principle of making, such provision is now admitted to be undesirable. The annual provision of Rs. 1,00,000 for 1910-1911 has also been exhausted. The liability shown above is likely to be increased, taking into consideration the fact that the rates offered have in very many cases enhanced, as will be seen from appendix No. 14. The matter, however, is under your consideration in consultation with a sub-committee of the Corporation and I have no doubt a settled policy on the subject will shortly be formulated.

TEST AUDIT.

74. Sixty-eight reports were submitted during the year on the Road Repairs and Road Watering expenditure of the Engineering Department, besides an innumerable number on defects and irregularities discovered by test audit "at the time of payment". Dealing first with the latter it is by detecting "at the time of payment" whether rent due has been recovered, whether the men were actually on duty for the full month, whether impersonation is practised, whether the musters are correctly made up and agree with the original paysheets, and whether men are charged at higher rates of wages but actually do not perform the duties for which they are paid, that a wholesome check is exercised and the moral tone of the subordinate staff stimulated to an appreciation of the necessity for honest work.

Turning to Road repairs, the test audit has revealed many minor irregularities, indicating laxity of supervision and improper charges in the expenditure returned, especially in the employment of coolies and night watchmen. It is hoped that the reports that have been made will lead to greater correctness of working.

The rate of road repairs per 100 sq. feet was found to vary very considerably in different wards, as also the cost of depot coolies to materials handled.

A scale for payment for cartage on a standard basis has been suggested and a reduction in the sums spent on night watchmen is considered feasible. Material depots are now being formed close to the works, thus reducing unnecessary expenditure on cartage and depot coolies.

An examination of the expenditure on road watering, which has advanced considerably of late years, has led to the conclusion that very possibly the outlay in this direction can also be reduced.

A test audit of the Maintenance Branch of the Water Works Department brought out grave irregularities. Matters are being placed on a satisfactory footing and a saving of about Rs. 10,000 p. a. will result.

I consider the progress towards check on expenditure by recourse to initial documents very satisfactory during the year and as having fully justified my proposals.

FIRE BRIGADE.

75. The Fire Tax realized during the year was Rs. 1,63,267-2-4 or Rs. 15,744-14-4 more than in the previous year. The expenditure on the Fire Brigade Department, including the cost of Motor steam fire engine and interest and Sinking Fund Charges on the Fire Brigade Loan was Rs. 1,62,137-10-11, thus resulting in a surplus of Rs. 1,129-7-5. The total surplus is thus increased from Rs. 82,120-10-7 to Rs. 83,250-2-0. Deducting from the latter figure the sum of Rs. 4,191-11-7 to be renewed in 1910-1911 on account of charges incurred during 1909-1910, but not paid before the close of that year, the net surplus to the credit of Fire Tax is reduced to Rs. 79,058-6-5.

GENERAL.

76. I append as usual the statement showing, as far as figures can show, the volume of work dealt with in my department during the year under review as compared with previous years :—

Year.	Nature of work.			Inward letters.	Outward letters.
	Cash payments to employes	Receipt vouchers.	Debit vouchers.		
	Rs.	No.	No.	No.	No.
1897-98	19,93,311	22,217	53,907	20,362	6,117
1907-08	28,86,091	31,123	81,189	(a) 18,489	11,232
1908-09	31,71,350	36,096	84,474	(a) 18,671	11,176
1909-10	33,75,526	36,691	81,790	(a) 19,642	12,296
Percentage of increase in 1909-10 over 1897-98	69·34	65·14	51·72	Decrease 3·66	101·01

I also subjoin a Statement showing the cost of my Department in 1909-10 and 1897-98, and the percentage of cost to Income and Expenditure :—

Year.	Cost of staff at maximum rates of pay.	Income.	Expenditure.	Percentage of cost of staff to income.	Percentage of cost of staff to expenditure.
	Rs.	Rs.	Rs.		
1897-98	62,754	(b) 67,08,566	(c) 69,96,969	·93	·89
1909-10	(d) 94,458	1,12,13,864	1,13,97,050	·84	·82
Increase	31,704 or 50·52 per cent.	45,05,298 or 67·15 per cent.	44,00,081 or 62·88 per cent.		

The percentage of cost of staff to Income and Expenditure for the year 1908-09 was ·76 and ·73 respectively.

PERSONAL.

77. My staff generally worked very well throughout the year.

I can add nothing to what I have said in my previous reports regarding the great value I place on the services of my Deputy, Mr. Maneckshah Cawashah Taleyarkhan. To my Assistants Mr. Bal Nilaji Pitale and Mr. Merwanji Hormusji Madan, I am indebted for earnest work throughout the year. Mr. Meherji Jamsetji Antia, the Head Audit Clerk, worked most assiduously and capably. My efforts in "Test audit" were greatly facilitated by the careful attention to instructions and the quick grasp of essentials by Mr. Ratanji E. Bulsara.

(a) Exclusive of bills, summaries, muster rolls, &c., which have been separately numbered.

(b) Excluding a rebate of Rs. 4,37,055, to current revenue in respect of Plague expenses debited to revenue in 1896-97.

(c) Excluding Rs. 5,00,000 on account of Plague expenses debited to revenue in 1897-98 which were subsequently transferred to Loan Funds.

(d) Excluding cost of stores establishment transferred to General Stores and including Rs. 6,396 on account of Plague staff employed in this department.

78. The following are the Appendices attached to my report :—

No. 1 Revenue Account.

No. 2 Statement of Income realized during 1909-10.

No. 3 Statement of Town Duties collected and Refunds allowed in 1909-10.

No. 3 (a). Statement of Net Town Duties collected from 1900-01 to 1909-10.

No. 3 (b). Statement of Gross Town Duties levied during the five years ending 31st March 1910, Refunds allowed and the Net Income realized during that period.

No. 4. Statement showing the final sanctioned expenditure grants for 1909-10.

No. 5. Statement showing the Expenditure for 1909-10 as compared with the final sanctioned grants and the actuals for the preceding year.

No. 6. Statement showing the Surplus Cash Balance on 31st March 1910.

No. 6-(a). Statement showing the amounts of loans raised, the expenditure incurred therefrom and the invested balances remaining on 31st March 1910.

No. 7. Statement showing the outstanding loans due by the Municipality on 31st March 1910.

No. 7-(a). Statement showing the amount which should have accumulated in the Sinking Fund, on the basis of the fixed instalments and the amount actually invested upto 31st March 1910.

No. 8. Statement showing the interest outstanding on different Municipal Loans on 31st March 1910.

No. 9. Statement showing works executed out of Loan Funds during 1909-10.

No. 9-(a). Statement showing expenditure on Plague Operations for 1909-10 contrasted with the figures for 1908-09.

No. 10. Statement of Assets and Liabilities on 31st March 1910.

No. 10-(a). Statement showing expenditure on different Loan Works upto 31st March 1910.

No. 10-(b). Statement showing the Invested Surplus, Loan and Reserve Fund Balances on 31st March 1910, as compared with those on 31st March 1909.

No. 11. Water Works Income and Expenditure Accounts.

No. 12. Water Works Assets and Liabilities.

No. 13. Statement of total Receipts and Disbursements for the year ending 31st March 1910.

No. 14. Statement of Liabilities incurred on Street Improvement and Rates and Amounts actually paid.

No. 15 and 15-(a). Statement of Income and Expenditure of the Bombay Municipality from 1865 to close of the financial year 1909-10.

No. 16. Contrasted statement of Income and Expenditure from the year 1865 to the Financial year 1909-10.

I have the honour to be,

Sir,

Your most obedient Servant,

W. E. WAITE,

Chief Accountant.

Appendix No. 1.

Revenue Account for 1909-1910.

Revenue.	Amount.	Total.	Grand Total.
Taxation Proper.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax	39,69,083 7 10		
2. Wheel Tax and Tolls	5,01,553 7 4		
3. Town Duties	14,23,191 0 7		
4. Licenses	97,753 10 3		
5. Receipts from Government for Liquor Licenses	1,43,750 0 0		
6. Receipts from Government for Tobacco Duty	2,80,613 13 4		
		64,16,245 7 4	
Services rendered.			
7. Halalkhore Tax	11,92,345 11 9		
8. Water Tax and other Miscellaneous Water Works Revenue	20,11,788 2 2		
		32,04,133 13 11	
Returns from Property and Miscellaneous.			
9. Market Receipts	4,67,257 14 0		
10. Public Gardens	9,563 15 6		
11. Tramway Rent	54,448 8 8		
12. Contribution from Municipal Servants towards Pension, &c., Fund	60,392 11 9		
13. Interest on Investments of Surplus Loan and other Balances Rs. 1,36,099 7 9 a. p.			
Interest on Sinking, Insurance, Worn-out Water Mains Renewal, and Net Premia Funds Investments 4,12,754 11 4			
	5,48,854 3 1		
14. Interest at 3 per cent. on Corporation lands made over to C. I. Trust ...	41,241 0 0		
15. Amount received from the City Improvement Trust to be transferred to the Net Premia Fund	76,605 9 6		
16. Miscellaneous (*a*)	3,35,720 14 0	15,93,484 12 6	
			1,12,13,864 1 9
Deficit	.....	.....	1,83,186 2 2
		Total Rs....	1,13,97,050 3 11

Expenditure.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Superintendence	3,09,102 2 5		
2. Assessment and Collection and Revenue and Refund Audit Departments ...	3,69,460 0 2		
3. Fire Brigade	1,62,137 10 11		
4. Public Gardens—Maintenance and New Works	98,963 13 4		
5. Public Works (Engineer's) Department.	22,28,860 13 6		
6. New Works	4,62,745 5 3		
7. Public Health Department	23,64,979 15 5		
8. General Stores	30,858 3 3		
9. Education	2,98,255 10 9		
10. Hospitals	4,62,579 0 7		
11. Pensions, Gratuities and Compassionate Allowances	69,817 0 3		
12. Contribution to the City Improvement Trust	7,80,000 0 0		
13. Plague Expenses	2,00,915 0 5		
		75,32,775 1 3	
14. Municipal Debt—			
Interest and Charges on Loans ...	23,60,989 0 3		
Reduction of debt and payment of Sinking Fund, including investment of interest accrued on Sinking Fund.	10,16,195 4 4		
		33,77,184 4 7	
15. Investments—			
Municipal Buildings Fire Insurance Fund	5,000 0 0		
Net Premia, &c., Fund Investment Account	76,005 9 6		
Interest on the Insurance, Worn-out Water Mains Renewal, and Net Premia Funds...	40,911 14 8		
		1,21,917 3 2	
16. Miscellaneous (*b*)		3,65,173 5 11	
			1,13,97,050 3 11
		Total Rs. ...	1,13,97,050 3 11

	Rs. a. p.
(*a*) Miscellaneous Fines	11,697 1 8
Do. Receipts	1,90,728 11 10
Do. Fees	1,10,850 9 9
Do. Savings	14,521 3 7
Profit on Municipal Workshops	*Dr.* 908 14 8
Actual Profit on sale of Stores to Contractors, &c. ...	1,524 1 6
Sale-proceeds of unserviceable Tools and Plant, &c. ...	7,308 0 4
Total Rs. ...	3,35,720 14 0

	Rs. a. p.
(*b*) Discretional Contingencies	5,880 5 5
Auditors' Allowance	10,000 0 0
Local Allowance	1,13,758 0 2
Grain Compensation to peons, &c.	1,56,517 7 5
Loss on account of irrecoverable bills written off	666 1 11
Arrears of rent due to Government in respect of the Workshops ground at Parton Road	13,296 0 0
Loss sustained in the sale of general, surplus, and obsolete stores of different departments written off	61,555 13 7
Loss sustained on account of certain unserviceable articles of general, surplus and obsolete stores written off	1,455 9 1
Charges in connection with the Corporation's address of welcome to H. E. the Viceroy on his visit to Bombay	2,014 0 4
Total Rs. ...	3,65,173 5 11

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner for the City of Bombay.

Appendix

IN

STATEMENT showing the Net Receipts during the Financial Year 1909-10 from all sources as con-

PARTICULARS.	Actuals for 1908-09.	Budget Estimate for 1909-10.	Revised Estimate for 1909-10.	Actuals for 1909-10.
1	2	3	4	5
Taxation Proper.	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.
General Tax at 9½ per cent. (including Government and Port Trust Contributions)	at 8 per cent. 31,47,348 15 11	38,13,290	38,00,734 0 0	38,05,816 5 6
Additional at ¼ per cent. for Fire Brigade charges.	1,47,522 4 0	1,56,710	1,56,195 0 0	1,63,267 2 4
	32,94,871 3 11	39,70 000	39,56,929 0	39,69,083 7 10
Wheel Tax and Tolls	4,79,857 3 5	4,45,000	4,45,000 0 0	5,01,553 7 4
Town Duties	12,96,319 7 5	13,50,000	13,90,000 0 0	14,23,491 0 7
Licenses—				
(a) Dangerous and Offensive Trades ...	84,618 8 0	83,000	85,000 0 0	84,844 0 0
(b) Streets and Buildings	4,185 0 0	5,000	5,000 0 0	6,340 0 0
(c) Land Conveyance, &c., Licenses ...	30,474 7 0	.....	6,569 0 0	6,569 10 3
Receipts from Government for Liquor Licenses ...	1,43,750 0 0	1,44,000	1,43,750 0 0	1,43,750 0 0
Do. do. Tobacco Duty ...	2,78,890 6 0	2,75,000	2,75,000 0 0	2,80,613 13 4
	56,12,966 3 9	62,72,000	63,07,248 0 0	64,16,245 7 4
Services rendered.				
Halalkhore Tax	11,19,222 2 11	11,66,000	11,90,781 0 0	11,92,345 11 9
Water Tax and other Misc. Water Works Revenue.	20,04,188 12 1	19,05,000	19,59,000 0 0	20,11,788 2 2
	31,23,410 15 0	30,71,000	31,49,781 0 0	32,04,133 13 11
Returns from Property and Miscellaneous.				
Market Receipts	4,75,497 13 8	4,85,000	4,85,000 0 0	4,67,257 14 0
Public Gardens	9,727 11 7	10,000	10,000 0 0	9,563 15 6
Tramway Rent	54,334 7 7	55,000	55,000 0 0	54,448 8 8
Miscellaneous Fines	11,237 1 7	12,000	12,000 0 0	11,697 1 8
Do. Receipts	3,07,779 3 7	1,80,000	1,80,000 0 0	1,90,728 11 10
Do. Fees	1,22,481 7 6	96,000	1,07,500 0 0	1,10,850 9 9
Do. Savings	10,504 4 3	5,000	11,000 0 0	14,521 3 7
Contribution from Municipal Servants towards Pension, &c., Fund	25,660 9 3	25,000	55,000 0 0	60,392 11 9
Profit on Municipal Workshops	10,274 2 10	10,000	10,000 0 0	Dr. 908 14 8
Actual Profit on sale of Stores to Contractors, &c.	1,207 8 7	5,000	1,500 0 0	1,524 1 6
Sale Proceeds of Unserviceable Tools and Plant, &c.	3,339 3 5	15,000	8,000 0 0	7,308 0 4
Interest on Investments of Surplus Loan and other Balances	1,32,376 7 4	1,50,000	1,20,000 0 0	1,36,099 7 9
Interest on 5, 4, and 3½ per cent. Municipal Loans Sinking Fund Investments	3,42,407 12 8	3,73,400	3,73,400 0 0	3,71,842 12 8
Interest on Municipal Buildings Fire Insurance Fund Investments	4,489 6 4	4,900	4,900 0 0	4,856 1 0
Interest on Worn-out Water Mains Renewal Fund Investments	24,149 9 4	25,200	25,200 0 0	24,804 14 4
Interest on Investments of the Net Promia, &c., Fund	11,983 1 8	10,500	10,500 0 0	11,250 15 4
Do. do. School Buildings Fund...	2,220 11 4	.....	.....	.....
Interest at 3 per cent. on Corporation lands made over to City Improvement Trust...	.....	55,000	41,241 0 0	41,241 0 0
Amount received from the City Improvement Trust to be transferred to the Net Promia Fund.	.....	.....	.....	76,005 9 6
	15,49,670 10 6	15,17,000	15,10,241 0 0	15,93,484 12 6
Total Rs. ...	1,02,86,047 13 3	1,08,60,000	1,09,67,270 0 0	1,12,13,864 1 9
				Less
				Net Increase Rs.

W. E. WAITE,
Chief Accountant.

No. 2.

COME.

trasted with the Original Budget Estimate, the Revised Estimate and the Actuals for 1908-09.

As compared with the Original Estimate.		As compared with the Revised Estimate.		As compared with the Actuals for 1908-09.	
More.	Less.	More.	Less.	More.	Less.
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	7,473 10 6	5,082 5 6	.....	6,58,467 5 7	.....
6,557 2 4	.....	7,072 2 4	.....	15,744 14 4	.....
6,557 2 4	7,473 10 6	12,154 7 10	.....	6,74,212 3 11	.....
56,553 7 4	.....	56,553 7 4	.....	21,696 3 11	.....
73,491 0 7	.....	33,491 0 7	.....	1,27,171 9 2	.....
1,844 0 0	.....	.....	156 0 0	225 8 0	.....
1,340 0 0	.....	1,340 0 0	.....	2,155 0 0	.....
6,569 10 3	.....	0 10 3	.....	.....	23,904 12 9
.....	250 0 0	.....	.....	.....	.....
5,613 13 4	.....	5,613 13 4	.....	1,723 7 4	.....
1,51,969 1 10	7,723 10 6	1,09,153 7 4	156 0 0	8,27,184 0 4	23,904 12 9
26,345 11 9	.....	1,564 11 9	.....	73,123 8 10	.....
1,06,788 2 2	.....	52,788 2 2	.....	7,599 6 1	.....
1,33,133 13 11	.....	54,352 13 11	.....	80,722 14 11	.....
.....	17,743 2 0	.....	17,742 2 0	.....	8,239 15 8
.....	436 0 6	.....	436 0 6	.....	163 12 1
.....	551 7 4	.....	551 7 4	114 1 1	.....
.....	302 14 4	.....	302 14 4	460 0 1	.....
10,728 11 10	.....	10,728 11 10	.....	.....	1,17,050 7 9
14,850 9 9	.....	3,350 9 9	.....	.....	11,630 13 9
9,521 3 7	.....	3,521 3 7	.....	4,016 15 4	.....
35,392 11 9	.....	5,392 11 9	.....	34,732 2 6	.....
.....	10,908 14 8	.....	10,908 14 8	.....	11,183 1 6
.....	3,475 14 6	24 1 6	.....	316 8 11	.....
.....	7,691 15 8	.....	691 15 8	3,968 12 11	.....
.....	13,900 8 3	16,099 7 9	.....	3,723 0 5	.....
.....	1,557 3 4	.....	1,557 3 4	29,435 0 0	.....
.....	43 15 0	.....	43 15 0	366 10 8	.....
.....	395 1 8	.....	395 1 8	655 5 0	.....
750 15 4	.....	750 15 4	.....	.....	732 2 4
.....	.....	.....	.....	.....	2,220 11 4
.....	13,759 0 0	.....	.....	41,241 0 0	.....
76,005 9 6	.....	76,005 9 6	.....	76,005 9 6	.....
1,47,249 13 9	70,765 1 3	1,15,873 7 0	32,629 10 6	1,95,035 2 5	1,51,221 0 5
4,32,352 13 6	78,488 11 9	2,79,379 12 3	32,785 10 6	11,02,942 1 8	1,75,125 13 2
78,488 11 9		32,785 10 6		1,75,125 13 2	
3,53,864 1 9		2,46,594 1 9		9,27,816 4 6	

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

STATEMENT showing the quantity and value of several articles upon which Town Duty was

DUTY COLLECTED BY	GRAIN AND PULSE AT 4 ANNAS PER CANDY.			FLOUR OF ALL SORTS AT 75 PER CENT. OF THE RATE AT THE TIME BEING LEVIED ON THE GRAIN FROM WHICH FLOUR IS PREPARED.			WINES AND SPIRITS AT 4 ANNAS PER GALLON.			BEER AT 6 PIES PER GALLON.		
	Candies.	Furrss.	Amount of Duty.	Candies.	Furrss.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
BOMBAY PORT TRUST.			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.
April 1909	1,79,173	7	44,793 7 11	.....	7	0 2 9	97,546	...	24,386 7 8	76,470	...	2,389 11 0
May ... ... ,,	92,719	5	23,179 14 4	29	...	5 7 0	77,179	5	19,294 14 7	101,076	4	3,252 6 3
June ... ... ,,	49,755	4	12,438 13 9	.....	...	.....	75,178	1	18,791 8 4	103,928	...	3,247 12 0
July ... ... ,,	75,151	...	18,787 12 3	.....	...	.....	85,275	5	21,318 14 4	73,632	1	2,302 14 1
August ... ... ,,	65,245	2	16,311 5 3	.....	...	.....	71,009	5	17,752 6 5	57,646	4	1,801 7 3
September ... ... ,,	1,28,162	7	32,040 11 9	.....	...	.....	78,391	3	19,597 13 6	99,232	...	3,102 9 0
October ... ... ,,	23,758	2	5,939 9 2	.....	2	0 0 9	85,451	2	21,362 12 10	84,799	...	2,648 6 6
November ... ... ,,	18,657	1	4,664 4 9	136	...	25 8 0	91,164	1	22,792 0 8	124,172	...	3,880 6 9
December ... ... ,,	26,278	1	6,569 8 9	1	...	0 3 0	1,07,405	5	26,851 6 7	142,799	...	4,462 7 6
January 1910	64,380	6	16,095 2 0	.....	...	.....	80,597	6	20,224 6 10	134,894	...	4,218 9 0
February ... ... ,,	73,663	3	19,915 13 6	14	4	2 11 6	81,588	2	22,897 0 10	165,794	...	3,306 1 0
March ... ... ,,	1,47,229	2	36,807 5 1	.....	...	.....	1,01,864	2	25,466 0 10	88,074	...	2,752 5 0
Total ...	9,52,175	...	2,38,043 13 6	181	5	34 1 0	10,42,955	5	2,60,738 13 5	11,35,677	1	37,364 14 7
G. I. P. RAILWAY.												
April 1909	1,18,541	1	29,635 4 3	97	3	18 4 0	62	...	15 8 0	186	...	5 13 0
May ... ... ,,	97,964	5	24,491 2 6	8	5	1 10 0	176	...	44 0 0	21	...	0 12 0
June ... ... ,,	42,099	6	10,674 15 0	.....	...	.....	62	...	13 0 0	60	...	1 14 0
July ... ... ,,	32,701	2	8,175 5 0	145	...	27 3 0	80	...	20 0 0	208	...	5 8 0
August ... ... ,,	18,197	5	4,774 6 9	144	5	27 2 0	135	4	33 14 0	88	...	2 12 0
September ... ... ,,	18,997	6	4,749 7 0	523	...	99 3 0	98	...	24 8 0	1,702	...	53 3 0
October ... ... ,,	27,552	2	6,888 1 0	438	5	83 4 0	106	...	26 8 0	916	...	28 10 0
November ... ... ,,	31,443	2	8,360 13 0	.....	...	.....	282	...	70 8 0	1,080	...	33 12 0
December ... ... ,,	29,891	...	7,322 12 0	51	5	9 11 0	123	...	32 4 0	56	...	1 12 0
January 1910	39,597	4	9,899 6 0	11	...	2 1 0	338	...	84 8 0	240	...	7 8 0
February ... ... ,,	38,245	4	9,561 6 0	.....	...	.....	139	...	32 8 0	92	...	2 14 0
March ... ... ,,	50,009	2	12,502 4 9	.....	...	.....	196	...	49 0 0	164	...	5 2 0
Total ...	5,48,140	7	1,37,035 3 3	1,425	7	267 6 0	1,784	4	446 2 0	4,816	...	150 8 0
B.B. & C.I. RAILWAY.												
April 1909	58,537	6	14,634 7 0	272	3	51 1 0	2	...	0 8 0	.....	...	.....
May ... ... ,,	88,311	...	22,077 12 0	431	5	80 15 0	4	...	1 0 0	.....	...	.....
June ... ... ,,	94,879	...	22,719 12 0	302	...	56 0 0	.....	...	.....	36	...	1 2 0
July ... ... ,,	66,440	4	16,610 2 0	548	...	102 12 0	3	...	0 12 0	.....	...	.....
August ... ... ,,	31,027	6	7,756 15 0	324	...	60 12 0	4	...	1 0 0	100	...	3 2 0
September ... ... ,,	20,980	...	5,245 0 0	198	...	37 2 0	.....	...	.....	.....	...	.....
October ... ... ,,	35,184	...	8,796 0 0	301	3	56 8 0	2	...	0 8 0	.....	...	.....
November ... ... ,,	36,118	...	9,029 8 0	261	...	48 15 0	202	...	50 8 0	6	...	0 3 0
December ... ... ,,	52,844	6	13,210 3 0	87	...	16 5 0	3	...	0 12 0	.....	...	.....
January 1910	59,119	6	14,777 11 0	94	...	17 10 0	.....	...	.....	.....	...	.....
February ... ... ,,	50,192	2	12,548 1 0	100	5	18 14 0	12	...	3 0 0	.....	...	.....
March ... ... ,,	48,338	...	12,234 8 0	113	3	21 4 0	.....	...	.....	.....	...	.....
Total ...	6,42,559	6	1,60,639 15 0	3,033	3	578 2 0	232	...	58 0 0	142	...	4 7 0
GRAND TOTAL ...	21,42,875	5	5,35,718 15 9	4,699	7	879 9 0	10,44,972	1	2,61,242 15 5	12,00,635	1	37,519 13 7
Deduct— Refunds passed by the Revenue and Refund Audit Officer ...	10,62,027	4	2,65,506 14 0	86,117	3	16,147 0 0	96,662	6	24,165 11 0	7,89,174	...	24,661 11 0
Net Revenue ...	10,80,848	1	2,70,212 1 9	.....	...	.....	9,48,309	3	2,37,077 4 5	4,11,461	1	12,853 2 7
Less— Refunds paid in excess of collections ...	.....	...	.....	81,426	4	15,267 7 0	.....	...	.....	.....	...	.....

ABSTRACT.

				Rs. a. p.	Rs. a. p.
Balance on 31st March 1909 due by—					
Port Trust				7,799 9 9	
G. I. P. Railway				16,072 12 5	
B. B. & C. I. Railway				437 11 0	
					24,310 1 2
Add— Collections in 1909-1910—					
Port Trust				23,93,830 3 1	
G. I. P. Railway				2,66,168 11 3	
B. B. & C. I. Railway				2,64,241 12 4	
					29,29,530 10 8
					29,53,840 11 10
Deduct— Refunds paid in 1909-1910				15,01,796 4 0	
			Rs. a. p.		
Balance on 31st March 1910 due by ...	Port Trust	...	16,244 5 0		
	G. I. P. Railway ...	...	11,484 1 3		
	B. B. & C. I. Railway ...	...	825 1 0		
				28,553 7 3	
					15,30,349 11 3
Total as per Books...					Rs. 14,23,491 0 7

W. E. WAITE,
Chief Accountant.

No. 3.

evied during 1909-1910 under Section 192 (*1*) of the City of Bombay Municipal Act, of 1888.

Sugar at 8 Annas per Cwt.						Ghee at 10 Annas per Maund.						Timber at 2½ per cent. on Market Value.						Total Monthly Collections.		
Cwts.	qrs.	lbs.	Amount of Duty.			Maunds.	Seers.	Amount of Duty.				Value.			Amount of Duty.					
			Rs.	a.	p.			Rs.	a.	p.		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
137,799	0	7	68,899	8	6	7,539	12	4,712	1	0		7,51,094	12	8	18,852	5	11	1,64,033	12	9
259,787	2	7	1,29,893	12	6	12,507	32	7,817	6	0		9,61,694	2	8	24,167	5	8	3,07,611	2	4
155,802	0	0	77,901	0	0	7,891	20	4,932	3	0		6,48,206	14	0	16,707	10	9	1,34,021	15	10
276,224	3	21	1,38,112	7	6	7,451	32	4,657	6	0		6,73,868	2	0	16,846	11	3	2,02,026	1	5
249,038	2	17	1,24,519	5	3	8,737	18	5,460	14	6		5,35,754	12	8	13,418	13	11	1,79,264	4	7
460,386	2	14	2,30,193	5	0	5,998	35	3,749	4	9		6,68,155	3	4	16,703	14	1	3,05,387	10	1
317,140	3	0	1,58,570	6	0	9,811	32	6,132	6	0		4,27,559	9	4	10,689	15	10	2,05,343	9	1
236,313	1	11	1,18,156	10	9	8,372	19	5,232	12	0		8,14,680	6	8	20,367	0	2	1,76,115	11	1
236,803	0	14	1,18,401	9	0	15,259	12	9,555	13	0		7,20,804	12	0	18,020	3	6	1,83,861	3	4
275,254	0	25	1,37,627	1	9	18,894	30	11,809	3	6		9,34,310	13	4	23,357	12	4	2,13,332	4	5
243,245	2	14	1,21,122	13	0	11,843	18	9,339	10	6		3,99,237	14	8	9,980	15	2	1,89,565	1	6
294,921	0	0	1,47,460	8	0	16,356	10	10,222	10	6		6,41,223	2	0	16,045	9	3	2,38,754	6	8
3,147,716	3	18	15,73,858	7	3	1,33,794	30	83,621	11	6		82,06,334	9	4	2,05,158	5	10	23,66,820	3	1
11,386	1	0	5,693	2	0	7,862	28	4,914	3	0		6,072	8	0	151	13	0	40,433	15	3
3,482	3	0	1,741	6	0	9,323	23	5,870	15	9		7,220	0	0	180	8	0	32,240	6	3
3,941	2	14	1,970	13	0	5,258	26	3,305	6	6		2,845	0	0	71	2	0	16,037	2	6
4,597	2	0	2,298	12	0	8,393	...	5,245	10	0		2,070	0	0	51	12	0	15,825	2	0
7,625	0	0	3,812	8	0	10,494	19	6,559	0	9		2,810	0	0	70	4	0	15,279	15	6
5,964	0	0	2,982	0	0	11,076	38	6,923	1	6		1,925	0	0	48	2	0	14,579	8	6
6,575	3	14	3,287	15	0	16,501	3	10,313	2	9		1,545	0	0	38	10	0	20,695	2	9
5,271	0	14	2,635	9	0	20,376	19	12,722	12	9		4,885	0	0	122	2	0	23,945	8	9
9,123	0	0	4,561	8	0	13,011	16	8,132	2	0		1,995	0	0	42	6	0	20,102	7	0
11,524	1	0	5,762	2	0	12,853	21	8,033	7	3		935	0	0	23	6	0	23,812	6	3
7,571	3	14	3,787	7	0	11,138	26	6,961	10	6		2,220	0	0	55	8	0	20,401	5	6
6,930	3	14	3,465	7	0	10,228	37	6,758	1	3		3,850	0	0	95	12	0	22,885	11	0
83,737	0	14	41,868	9	0	137,199	16	85,749	10	9		38,052	8	0	951	5	0	2,66,468	11	3
3	3	0	1	14	0	12,820	8	8,012	10	0		500	0	0	12	8	0	22,713	0	0
.....			.....			9,710	4	6,068	13	0		4,575	0	0	114	6	0	28,342	14	0
3	3	0	1	14	0	11,388	35	7,493	0	9		4,000	0	0	100	0	0	31,381	12	9
9	1	14	4	11	0	16,403	12	10,252	1	0		600	0	0	15	0	0	26,585	6	0
62	3	14	31	7	0	17,229	28	11,143	9	0		450	0	0	11	4	0	19,003	1	0
22	3	14	11	7	0	16,441	13	10,275	13	3		2,220	0	0	55	0	0	15,531	6	3
13	1	0	6	10	0	12,952	8	8,095	2	0		1,200	0	0	30	0	0	16,984	12	0
112	0	0	56	0	0	7,751	24	4,844	12	0		.....			.....			14,099	14	0
72	1	0	36	2	0	9,601	29	6,001	0	6		.....			.....			19,264	6	6
2	1	0	1	2	0	17,481	31	10,926	1	10		.....			.....			25,722	8	10
53	3	14	26	15	0	14,458	16	9,036	8	0		1,300	0	0	32	8	0	21,665	14	0
9	1	0	4	10	0	16,300	28	10,187	15	0		2,820	0	0	70	8	0	22,518	13	0
365	2	0	182	12	0	163,739	36	1,02,337	6	4		17,645	0	0	441	2	0	2,64,241	12	4
3,321,812	2	4	16,15,909	12	3	434,734	2	2,71,708	11	10		82,62,032	1	4	2,06,550	12	10	22,29,530	19	8
23,54,916	2	0	11,77,458	4	0	42,421	32	26,513	10	0		12,78,325	0	0	31,958	2	0	15,66,411	4	
1,76,903	0	4	4,38,451	8	3	392,312	10	2,45,195	1	10		69,83,707	1	4	1,74,592	10	10	13,78,326	13	8
.....			.....			.....	...	.....				.....			.....			15,267	7	0
																		Net Revenue...Rs.	13,63,119	6	8

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 3-A.

STATEMENT showing the net Revenue derived on different dutiable articles during the last ten years commencing from 1900-1901 to 1909-10.

Articles.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.
	@ annas 6.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Grain	3,12,928 0 0	2,61,194 0 0	2,98,904 0 0	2,78,048 0 0	3,15,734 5 9	2,77,532 8 11	3,00,796 3 6	2,90,720 4 0	3,22,386 2 0	2,70,212 1 9
	@ annas 4-6.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3
Flour	—29,637 0 0	—18,856 0 0	—21,741 0 0	—22,942 0 0	—23,615 0 9	—24,870 8 6	—23,680 15 0	—20,701 15 6	—16,150 11 9	—15,237 7 0
	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Wines and Spirits.	2,19,736 0 0	2,27,911 0 0	2,35,030 0 0	2,51,011 0 0	2,51,303 1 10	2,67,019 9 9	2,37,582 7 4	2,51,335 6 4	2,29,959 12 10	2,37,077 4 5
	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.
Beer	7,819 0 0	15,468 0 0	10,575 0 0	8,231 0 0	16,384 9 8	19,499 11 2	11,645 10 10	15,143 9 0	8,253 4 3	12,858 2 7

	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.
Sugar	3,27,058 0 0	2,47,922 0 0	3,34,780 0 0	1,86,117 0 0	5,35,570 8 0	1,81,326 5 6	3,69,549 2 0	3,73,378 14 6	3,61,917 15 6	4,38,451 8 3
	@ annas 10.	@ annas 10.	@ annas 8.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.
Ghee	2,06,715 0 0	2,02,653 0 0	1,63,756 0 0	2,21,287 0 0	2,29,309 2 1	2,44,473 7 3	2,42,731 10 9	2,53,304 12 0	2,51,745 12 1	2,45,195 1 10
	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%
Timber	1,01,633 0 0	1,03,796 0 0	1,04,358 0 0	1,29,304 0 0	1,45,269 8 4	1,64,802 3 1	1,77,011 10 4	1,52,349 0 4	1,64,969 12 11	1,74,592 10 10
	@ annas 2.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	.....	.....
Firewood... ...	70,775 0 0	42,159 0 0	34,754 0 0	36,067 0 0	36,524 11 9	36,407 12 9	36,168 12 3	13 6 0	.....	.....
Total Rs...	12,17,026 0 0	10,82,247 0 0	11,60,416 0 0	10,87,123 0 0	15,96,780 14 8	11,66,251 1 11	13,51,804 10 0	13,15,543 4 8	13,23,181 15 10	13,63,119 6 8

N.B.—This statement shows the net Revenue after deducting from gross collections refunds *passed* for payment by the Revenue and Refund Audit Officer, though such refunds may not actually have been fully paid.

W. E. WAITE,
Chief Accountant.

P. R. CADELL
Ag. Municipal Commissioner.

Appendix

STATEMENT showing the actual Collections, Refunds admitted and Net

ARTICLES.	1905-06.			1906-07.		
	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain	6,24,076 7 11	3,46,483 15 0	2,77,592 8 11	4,69,464 9 6	1,68,668 6 0	3,00,796 3 6
Flour	1,369 10 6	26,240 3 0	— 24,870 8 6	3,300 3 0	26,981 2 0	—23,680 15 0
Wines and Spirits	2,87,664 4 9	20,644 11 0	2,67,019 9 9	2,57,045 13 4	19,463 6 0	2,37,582 7 4
Beer...	59,510 9 2	40,010 14 0	19,499 11 2	53,578 10 10	41,933 0 0	11,645 10 10
Sugar	14,37,309 11 6	12,55,983 6 0	1,81,326 5 6	16,03,320 4 0	12,33,771 2 0	3,69,549 2 0
Ghee	2,85,365 13 3	40,892 6 0	2,44,473 7 3	2,68,186 6 9	25,454 12 0	2,42,731 10 9
Timber	1,91,044 14 1	26,242 11 0	1,64,802 3 1	2,01,399 10 4	24,388 0 0	1,77,011 10 4
Firewood	36,407 12 9	.....	36,407 12 9	36,168 12 3	.....	36,168 12 3
Total Rs...	29,22,749 3 11	17,56,498 2 0	11,66,251 1 11	28,92,464 6 0	15,40,659 12 0	13,51,804 10

W. E. WAITE,
Chief Accountant.

No. 3-B.

Revenue during the five years from 1905-06 to 1909-10.

1907-08.			1908-09			1909-10.		
Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
4,60,517 2 0	1,69,796 14 0	2,90,720 4 0	4,66,180 10 0	1,43,794 8 0	3,22,386 2 0	5,35,718 15 9	2,65,506 14 0	2,70,212 1 9
643 3 6	21,345 3 0	—20,701 15 6	1,156 1 3	17,306 13 0	—16,150 11 9	879 9 0	16,147 0 0	—15,267 7 0
2,73,655 0 4	22,319 10 0	2,51,335 6 4	2,51,471 5 10	21,511 9 0	2,29,959 12 10	2,61,242 15 5	24,165 11 0	2,37,077 4 5
51,899 13 0	36,756 4 0	15,143 9 0	32,933 9 3	24,580 5 0	8,353 4 3	37,519 13 7	24,661 H 0	12,858 2 7
16,49,633 1 6	12,76,254 3 0	3,73,378 14 6	14,96,188 11 6	11,34,270 12 0	3,61,917 15 6	16,15,909 12 3	11,77,458 4 0	4,38,451 8 3
2,77,490 14 0	24,186 2 0	2,53,304 12 0	2,79,579 13 1	27,834 1 0	2,51,745 12 1	2,71,708 11 10	26,513 10 0	2,45,195 1 10
1,86,911 14 4	34,562 14 0	1,52,349 0 4	1,98,682 5 11	33,712 9 0	1,64,969 12 11	2,06,550 12 10	31,958 2 0	1,74,592 10 10
13 6 0	.....	13 6 0	.....	.....	.....	.....	.....	.....
29,00,764 6 8	15,85,221 2 0	13,15,543 4 8	27,26,192 8 10	14,03,010 9 0	13,23,181 15 10	29,29,530 10 8	15,66,411 4 0	13,62,119 6 8

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 4.

CONTRASTED STATEMENT showing the Original Budget Grants for 1909-10, Renewed Grants for 1908-09 and previous years, Additional Grants, Transfers, Modifications as per the Revised Estimate for 1909-10, and the Grants as finally sanctioned.

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1907-08 and previous years required for expenditure in 1908-09, but not utilized in that year, and of Budget Grants for 1908-09 not wholly or partially utilized in that year.	Lapsed Grants for 1908-09 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 131 (1) b & c and (2).	Deduct Transfers as per Section 131 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimate of Expenditure for 1909-10.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
GENERAL SUPERINTENDENCE—	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Corporation and Standing Committee Establishment..	68,178 0 0	2,638 8 0	.....	4,707 9 11	3,468 13 1	2,095 0 0	76,917 15 0	.....	76,917 15 0
Municipal Commissioner's Personal Office Establishment...	65,545 0 0	.....	.....	1 8 0	1,468 8 0	488 12 0	66,517 4 0	.....	66,517 4 0
General Office Establishment...	67,412 0 0	31,759 13 2	5,102 9 1	12,230 15 6	665 4 0	.....	1,17,270 9 9	.....	1,17,270 9 9
Accounts and Expenditure Audit Establishment ...	87,902 0 0	188 1 3	.....	203 1 7	500 0 0	2,179 0 0	85,784 2 10	40 0 0	85,744 2 10
Total Rs.	2,88,228 0 0	34,605 6 5	5,102 9 1	17,143 3 0	6,102 9 1	4,722 12 0	3,46,489 15 7	40 0 0	3,46,449 15 7
ASSESSMENT AND COLLECTION DEPT.									
Property and Wheel Tax Estt..	2,06,875 0 0	6,548 13 2	980 12 0	1,441 3 11	2,800 0 0	2,020 0 0	2,16,583 13 1	.....	2,16,583 13 1
Town Duty Collection	91,000 0 0	2,000 0 0	.....	4 8 0	.....	.....	96,004 8 0	.....	96,004 8 0
Tolls Collection	660 0 0	.....	.....	.....	.....	.....	660 0 0	.....	660 0 0
Licensing Establishment ...	22,230 0 0	.....	.....	1,030 7 1	480 0 0	65 0 0	23,675 7 1	535 0 0	23,140 7 1
Revenue and Refund Audit Office Establishment... ...	40,949 0 0	109 11 4	.....	1 15 1	1,000 0 0	.....	42,120 10 5	.....	42,120 10 5
Total Rs.	3,61,714 0 0	8,718 8 6	980 12 0	2,478 2 1	4,280 0 0	2,125 0 0	3,79,046 6 7	535 0 0	3,78,511 6 7
FIRE BRIGADE	1,67,056 7 3	25 0 0	1,864 12 6	3,391 7 7	1,511 0 0	1,512 0 0	1,72,340 11 4	.....	1,72,340 11 4
MAINTENANCE OF PUBLIC GARDENS									
Victoria Gardens	33,159 0 0	117 1 1	21,520 2 7	15,543 1 5	1,579 0 0	871 0 0	1,21,677 5 1	270 0 0	1,21,407 5 1
Elphinstone Circle Garden ...	1,708 0 0	.....	126 4 5	203 8 3	50 0 0	250 0 0	2,137 9 8	.....	2,137 9 8
Falkland Road do. ...	432 0 0	.....	.....	250 0 0	.....	.....	682 0 0	.....	682 0 0
Northbrook do. ...	1,504 0 0	.....	.....	357 1 0	.....	.....	1,861 1 0	.....	1,861 1 0
Sir C. Jehangir Mahim do. ...	629 0 0	.....	.....	165 11 3	.....	300 0 0	517 11 3	.....	517 11 3
Bazaar Gate Street do. ...	676 0 0	.....	.....	110 0 0	.....	150 0 0	636 0 0	.....	636 0 0
Dick's Tank do. ...	382 0 0	.....	.....	110 0 0	.....	58 0 0	434 0 0	.....	434 0 0
Malabar Hill do. ...	766 0 0	.....	.....	.....	.....	.....	766 0 0	.....	766 0 0
Esplanade Garden do. ...	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
New Works...	2,207 0 0	.....	8,659 11 3	.....	.....	.....	10,866 11 3	.....	10,866 11 3
Total Rs.	94,665 0 0	117 1 1	30,926 2 3	17,039 2 11	1,629 0 0	1,629 0 0	1,42,178 6 3	270 0 0	1,41,908 6 3
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. General Supervision and Miscellaneous Duties ...	73,208 0 0	193 2 3	.....	355 2 4	5,120 0 0	600 0 0	78,276 4 7	2,009 0 0	76,267 4 7
II. Mechanical Branch—									
A. Workshops ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
B. Maintenance of Pumping Station at Colaba ...	28,065 0 0	.....	.....	54 10 7	.....	.....	28,719 10 7	.....	28,719 10 7
C. Maintenance of Love Grove Pumping Station.	1,08,379 0 0	10 0 0	2,051 0 0	193 1 1	4,760 0 0	.....	1,15,386 1 1	.....	1,15,386 1 1
D. Maintenance of Air Compressor Station at Love Grove	13,050 0 0	5 0 0	291 0 0	23 12 0	5,520 0 0	.....	78,890 12 0	.....	78,890 12 0
E. Maintenance of Storm-water Sluices	2,414 0 0	.....	.....	181 0 0	.....	100 0 0	2,495 0 0	.....	2,495 0 0
III. Sanitary—									
Disposal of Town Sweepings	1,29,356 0 0	.....	150 15 0	130 3 7	.....	.....	1,29,637 2 7	1,349 0 0	1,28,288 2 7
IV. Drainage—									
A. Miscellaneous Drainage.	2,33,787 3 0	1,956 9 3	4,397 10 6	3,081 2 7	5,000 0 0	7,100 0 0	2,40,022 14 4	6,700 0 0	2,33,322 14 4
B. Maintenance of Sluices.	2,954 0 0	.....	.....	.....	300 0 0	.....	3,254 0 0	300 0 0	2,954 0 0
V. Water Works—									
A. Ordinary Branch	2,69,657 8 8	1,369 9 11	55,501 15 3	4,553 13 4	6,980 0 0	10,173 0 0	3,27,839 14 6	12,300 0 0	3,15,539 14 6
B. Special Branch	43,508 0 0	.....	.....	30 0 0	10,300 0 0	10,300 0 0	33,237 0 0	5,622 0 0	27,615 0 0
VI. Streets and Buildings—									
A. Inspection & Supervision	1,68,853 6 0	176 15 7	46 4 10	1,067 14 9	3,574 0 0	2,444 6 0	1,71,574 0 2	.....	1,71,574 0 2
B. Public Lighting	3,72,605 0 0	.....	10,372 0 8	7,092 12 9	.....	2,600 0 0	3,87,472 13 5	.....	3,87,472 13 5
C. Road Watering	80,000 0 0	8,635 0 0	8,423 10 10	2,810 11 10	2,300 0 0	.....	1,02,169 6 8	.....	1,02,169 6 8
C. I. Oiling and Tarring Roads	30,000 0 0	.....	.....	15,319 5 3	.....	950 0 0	44,369 5 3	.....	44,369 5 3
D. Roads and Footpaths &c.	1,85,096 0 0	5,730 10 4	1,090 15 0	5,735 6 9	22 0 0	186 0 0	1,97,479 0 7	.....	1,97,479 0 7
E. Street Improvements ...	1,05,000 0 0	.....	336 1 7	79 10 0	164 0 0	.....	1,05,579 11 7	.....	1,05,579 11 7
F. Miscellaneous	1,850 0 0	.....	1,000 0 0	40 0 0	.....	600 0 0	2,290 0 0	.....	2,290 0 0
VII. Cleaning, Lighting &c. Port Trust Wharves Roads...	40,183 0 0	.....	.....	.....	.....	.....	40,183 0 0	.....	40,183 0 0
Total...Rs.	22,81,559 0 0	17,176 15 4	83,531 7 2	10,712 10 10	34,020 0 0	35,063 0 0	23,91,967 1 4	31,999 0 0	23,60,767 1 4
Carried over Rs....	31,65,612 7 3	60,643 15 4	1,22,515 11 0	80,797 10 5	47,542 9 1	45,120 12 0	34 32,092 9 1	32,105 0 0	33,99,917 9 1

Appendix No. 4—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 130 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1907-08 and previous years required for expenditure in 1909-10 and of transfers sanctioned in 1908-09, but not utilized in that year and of Lapsed Grants for 1908-09, but wholly or partially utilized in that year.	Lapsed Grants for 1908-1909 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 131 (1) b & c and 2.	Deduct Transfers as per Section 131 (1) a & c.	Totals.	Less anticipated Savings as per Revised Estimates of Expenditure for 1909-10.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...	31,65,643 7 3	60,643 15 4	1,22,515 11 0	30,797 10 5	47,512 9 1	45,120 12 0	34,32,022 9 1	32,105 0 0	33,99,917 9 1
PUBLIC HEALTH DEPARTMENT—									
I. General Supervision ...	1,37,212 0 0	933 1 2	4,584 6 1	1,882 2 8	2,371 8 0	5,704 0 0	1,41,299 1 11	.....	1,41,299 1 11
II. Conservancy Branch ...	17,52,873 9 0	31,312 12 6	53,546 15 9	19,777 12 9	31,453 0 0	34,977 12 0	19,05,015 13 0	.....	19,05,015 13 0
III. Markets and Slaughter-Houses	1,81,172 0 0	13,557 10 0	10,561 0 0	6,163 10 9	4,766 4 0	4,131 0 0	2,12,689 8 9	.....	2,12,689 8 9
IV. Registration of Births & Deaths	77,457 0 0	21 5 0	.....	353 14 5	564 0 0	2,976 0 0	75,420 3 5	505 0 0	74,915 3 5
V. Cemeteries	11,922 0 0	.....	71 8 9	212 0 0	486 0 0	665 0 0	12,020 8 9	1,000 0 0	11,020 8 9
VI. Laboratory	15,486 0 0	13 0 0	.....	1,273 13 5	470 0 0	470 0 0	16,172 13 5	400 0 0	15,772 13 5
VII. Mahalaxmi Dhobiwada...	16,553 0 0	.....	.....	1,178 10 1	165 0 0	.....	17,996 10 1	.....	17,996 10 1
VIII. Infectious Diseases ...	57,359 0 0	5,000 0 0	.....	2,357 5 11	550 0 0	926 0 0	64,340 5 11	100 0 0	64,240 5 11
IX. Milch-cattle Stables and Rooms	8,303 0 0	405 6 8	.....	170 4 1	140 0 0	764 0 0	8,254 10 9	653 0 0	7,601 10 9
X. Tank Conservancy ...	6,558 0 0	.....	.....	.....	.....	.....	6,558 0 0	.....	6,558 0 0
XI. Rustomji Jamsetji Dhanrajmahal at Falkland Road	559 0 0	.....	.....	.....	.....	.....	559 0 0	.....	559 0 0
XII. Vaccination	25,000 0 0	690 11 6	.....	1,343 3 9	625 0 0	125 0 0	27,533 15 3	.....	27,533 15 3
XIII. Expenditure in Connection with the investigation of the Committee appointed by Government to inquire into the Causation of Malaria in Bombay	.....	16,000 0 0	3,722 14 7	... ...	.....	.....	19,722 14 7	.....	19,722 14 7
Total Rs.	22,91,594 0 0	1,17,333 14 10	72,486 13 2	35,222 13 10	41,614 12 0	50,738 12 0	25,08,183 9 10	2,658 0 0	25,05,525 9 10
New Works	97,597 0 0	31,182 4 5	1,79,876 13 10	43,115 9 1	11,676 0 0	2,550 0 0	3,60,897 11 4	26,654 0 0	3,34,243 11 4
GENERAL STORES ESTABLISHMENT—									
General Stores	31,575 0 0	1,051 4 8	722 12 11	193 1 9	500 0 0	500 0 0	33,542 3 4	250 0 0	33,292 3 4
EDUCATION—									
Primary Education	1,97,804 0 0	17,472 0 0	.....	.....	.....	.....	2,15,276 0 0	.....	2,15,276 0 0
School for Deaf & Dumb Mutes	3,000 0 0	.....	.....	100 0 0	.....	.....	3,100 0 0	.....	3,100 0 0
Veterinary College	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Victoria and Albert Museum...	16,315 0 0	38 8 5	519 8 0	2,965 12 6	785 0 0	785 0 0	19,838 12 11	.....	19,838 12 11
Victoria Jubilee Technical Institute	18,000 0 0	.....	.....	.....	.....	.....	18,000 0 0	.....	18,000 0 0
Joint Schools Committee Estt.	11,484 0 0	12 0 0	.....	.....	280 0 0	.....	11,776 0 0	.....	11,776 0 0
Victoria Memorial School ...	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Prince of Wales' Museum ...	25,000 0 0	.....	.....	.....	.....	.....	25,000 0 0	.....	25,000 0 0
Contingent Expenditure of the Committee appointed by Government re the spread of Primary Education in the City of Bombay.	.....	.....	.....	143 11 0	.....	.....	143 11 0	.....	143 11 0
Total Rs.	2,76,603 0 0	17,522 8 5	519 8 0	3,209 7 6	1,065 0 0	785 0 0	2,98,134 7 11	.....	2,98,134 7 11
HOSPITALS—									
Acworth Leper Asylum at Matunga	36,000 0 0	.....	.....	.....	.....	.....	36,000 0 0	.....	36,000 0 0
Medical Institutions.	4,14,500 0 0	.....	.....	.....	.....	.....	4,14,500 0 0	.....	4,14,500 0 0
Dispensaries	11,079 0 7	.....	.....	.....	.....	.....	11,079 0 7	.....	11,079 0 7
Adams Wylie Hospital	1,000 0 0	.....	.....	.....	.....	.....	1,000 0 0	.....	1,000 0 0
Total Rs.	4,62,579 0 7	.....	.....	.....	.....	.....	4,62,579 0 7	.....	4,62,579 0 7
MISCELLANEOUS—									
Pensions, Gratuities and Compassionate Allowances ...	70,000 0 0	.....	3,521 1 2	6,000 0 0	.....	4,418 13 1	75,102 4 1	1,422 0 0	73,680 4 1
Discretional Contingencies ...	7,000 0 0	.....	.....	3,540 0 0	.....	.....	10,540 0 0	.....	10,540 0 0
Auditors' Allowances	10,000 0 0	.....	.....	.....	.....	.....	10,000 0 0	... ...	10,000 0 0
Grain Compensation	.....	2,27,901 2 2	.....	1,931 10 7	.....	.....	2,29,832 12 9	55,500 0 0	1,74,332 12 9
Local Allowance	50,000 0 0	63,000 0 0	.....	.....	1,600 0 0	.....	1,14,600 0 0	.....	1,14,600 0 0
Loss on account of irrecoverable bills written off	.....	666 1 11	90 0 0	.....	.....	.....	756 1 11	.....	756 1 11
Miscellaneous—carried over...	1,37,000 0 0	2,91,567 4 1	3,611 1 2	71,471 10 7	1,600 0 0	4,418 13 1	4,40,831 2 9	56,922 0 0	383,909 2 9
Carried over Rs. ...	63,25,591 7 10	2,28,333 15 8	3,76,121 10 11	1,62,608 10 7	1,02,398 5 1	99,694 8 0	70,95,359 10 1	62,367 0 0	70,32,992 10 1

Appendix No. 4—*concluded.*

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for the previous year, of transfers of savings on expenditure in 1908-10 and of transfers sanctioned in 1909-09 but not utilized in that year, and of Budget Grants for 1908-09 not wholly or partially utilized in that year.	Lapsed Grants for 1908-1909 renewed by the Standing Committee under Section 132.	Add Transfers as per Section 131 (1) b, & c and (2).	Deduct Transfers as per Section 133 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimates of Expenditure for 1909-10.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...	63,25,691 7 10	2,28,333 15 8	3,76,121 10 11	1,62,608 10 7	1,02,398 5 1	99,694 8 0	70,95,359 10 1	62,367 0 0	70,32,992 10 1
MISCELLANEOUS—*contd.*									
Miscellaneous—cont'd—Brought forward Rs. ..	1,37,000 0 0	2,91,567 4 1	3,611 1 2	11,471 10 7	1,600 0 0	4,418 13 1	4,40,831 2 9	56,922 0 0	3,83,909 2 9
Rent due to Govt. in respect of Workshop ground at Patten Road	.....	13,296 0 0	.....	.....	.....	.....	13,296 0 0	.....	13,296 0 0
Loss sustained by the sale of unserviceable Drainage &c., stores written off	.....	61,555 13 7	.....	.....	.....	.....	61,555 13 7	.....	61,555 13 7
Charges in connection with the address of welcome to H. E. the Viceroy on his approaching visit to Bombay	.....	2,000 0 0	.....	.....	45 0 0	.....	2,045 0 0	.....	2,045 0 0
Demolishing the Municipal Milch Cattle Stables at Cochin Street.	.....	.....	500 0 0	.....	.....	.....	500 0 0	.....	500 0 0
Writing off the book value of certain unserviceable articles of General Stock	.....	1,455 9 1	.....	.....	.....	.....	1,455 9 1	.....	1,455 9 1
Total Rs.	1,37,000 0 0	3,69,874 10 9	4,111 1 2	11,471 10 7	1,645 0 0	4,418 13 1	5,19,683 9 8	56,922 0 0	4,62,761 9 8
CONTRIBUTION TO THE CITY IMPROVEMENT TRUST UNDER SECTION 72 (1) OF ACT IV OF 1898.	7,80,000 0 0	.....	.....	.....	.....	.....	7,80,000 0 0	.....	7,80,000 0 0
PLAGUE EXPENSES	1,88,920 15 5	10,035 3 7	.....	2,734 13 1	.....	.....	2,01,681 0 1	.....	2,01,681 0 1
MUNICIPAL DEBT—									
Interest on Loans	23,53,142 1 1	33 2 5	53,509 8 11	89,231 1 8	.....	.....	24,95,965 14 1	2,000 0 0	24,93,965 14 1
Charges on account of Loans ...	10,795 0 0	.....	.....	.....	70 0 0	.....	10,865 0 0	.....	10,865 0 0
Payment towards the Reduction of Debt	1,18,733 14 11	.....	500 0 0	12,000 0 0	.....	.....	1,29,233 14 11	.....	1,29,233 14 11
Payment towards the Investment of Sinking Fund	5,29,618 8 9	.....	.....	.....	.....	.....	5,29,618 8 9	.....	5,29,618 8 9
Payment towards the Investment of Interest accrued on Sinking Funds	3,73,400 0 0	.....	.....	.....	.....	.....	3,73,400 0 0	.....	3,73,400 0 0
Total Rs. ...	33,83,689 8 9	33 2 5	54,009 8 11	1,01,231 1 8	70 0 0	.....	35,39,083 5 9	2,000 0 0	35,37,083 5 9
INVESTMENTS—									
Municipal Buildings, Fire Insurance Fund	5,000 0 0	.....	.....	.....	.....	.....	5,000 0 0	.....	5,000 0 0
Net Premia &c., on different Municipal Loans	.....	76,005 9 6	.....	.....	.....	.....	76,005 9 6	.....	76,005 9 6
Interest realized on Fire Insurance Fund	4,900 0 0	.....	.....	.....	.....	.....	4,900 0 0	.....	4,900 0 0
Interest realized on Worn-out Water Mains Renewal Fund ...	25,200 0 0	.....	.....	.....	.....	.....	25,200 0 0	.....	25,200 0 0
Interest realized on Net Premia Fund	10,500 0 0	750 15 4	.....	.....	.....	.....	11,250 15 4	.....	11,250 15 4
Total Rs. ...	45,600 0 0	76,756 8 10	.....	.....	.....	.....	1,22,356 8 10	.....	1,22,356 8 10
GRAND TOTAL ...	1,08,60,902 0 0	6,85,023 9 3	4,34,242 5 0	2,78,096 3 11	1,04,113 5 1	1,04,113 5 1	1,22,58,164 2 2	1,21,289 0 0	1,21,36,875 2 2

W. E. WAITE,
Chief Accountan

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 5.

EXPENDITURE.

STATEMENT showing the Actuals as compared with the Final Sanctioned Grants for 1909-10 as per Appendix No. 4 and the Actuals of the preceding year.

PARTICULARS.	Actuals for 1908-09.	Final Sanctioned Grants for expenditure during 1909-10 as per Appendix No. 4.	Actuals for 1909-10.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1910-11 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1908-09 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee's Establishment ...	68,146 0 2	76,917 15 0	75,625 6 1	.....	1,292 8 11	963 8 9	329 0 2	7,479 5 11	.....
Municipal Commissioner's Personal Office Establishment ...	65,839 6 1	66,517 4 0	65,473 14 11	.....	1,043 5 1	.....	1,043 5 1	.....	365 7 2
General Office Establishment ...	62,225 3 7	1,17,270 9 9	84,314 0 10	.....	32,956 8 11	31,448 7 7	1,510 1 4	22,088 13 3	.....
Accounts and Expenditure Audit Establishment	74,835 7 11	85,744 2 10	83,688 12 7	.....	2,055 6 3	.....	2,055 6 3	8,833 4 8	.....
	2,71,046 1 9	3,46,449 15 7	3,09,102 2 5	.....	37,347 13 2	32,410 0 4	4,937 12 10	38,421 7 10	365 7 2
ASSESSMENT AND COLLECTION DEPARTMENT—									
Property and Wheel Tax Establishment	2,00,784 15 5	2,16,583 13 1	2,10,793 4 11	.....	5,882 8 2	1,482 0 0	4,400 8 2	9,918 5 6	.....
Town Duty Collection	89,710 14 7	96,004 8 0	94,155 7 11	.....	1,849 0 1	3 12 0	1,845 4 1	5,414 12 4	.....
Tolls Collection	587 5 7	660 0 0	479 8 6	.....	180 8 0	36 9 7	143 14 5	.....	107 13 7
Licensing Establishment	41,089 15 9	23,140 7 1	22,410 12 11	.....	729 10 2	.....	729 10 2	.....	18,679 2 10
Revenue and Refund Audit Establishment	41,481 8 2	42,120 10 5	41,710 14 5	.....	409 12 0	114 13 10	294 14 2	229 6 3	.....
	3,73,684 8 6	3,78,511 6 7	3,69,460 0 2	.....	9,051 6 5	1,637 3 5	7,414 3 0	14,562 8 1	18,787 0 5
FIRE BRIGADE—									
Fire Brigade	1,71,607 7 2	1,72,340 11 4	1,62,137 10 11	.....	10,203 0 5	4,191 11 7	6,011 4 10	.....	9,469 12 3
	1,71,607 7 2	1,72,340 11 4	1,62,137 10 11	.....	10,203 0 5	4,191 11 7	6,011 4 10	.....	9,469 12 3
MAINTENANCE OF PUBLIC GARDENS—									
Victoria Gardens Maintenance ...	88,151 1 0	1,21,407 5 1	89,053 3 5	.....	32,354 1 8	25,759 0 9	6,595 0 11	902 2 5	.....
Do. New Works ...	.....	10,866 14 3	3,306 5 10	.....	7,557 5 5	5,862 4 9	1,695 0 8	3,309 5 10	.....
Elphinstone Circle Garden ...	1,033 15 0	2,137 9 8	1,116 14 9	.....	1,020 10 11	682 3 9	338 7 2	.....	517 0 3
Falkland Road Garden	200 1 9	682 0 0	292 4 0	.....	389 12 0	95 10 8	294 1 4	92 2 3	.....
Northbrook Garden	1,092 5 11	1,961 1 0	1,272 1 2	.....	688 15 10	310 8 0	378 7 10	179 11 3	.....
Sir C. Jehangir Mahim Garden.	332 5 5	517 11 3	477 7 5	.....	40 3 10	.....	40 3 10	145 2 0	.....
Bazaar Gate Street Garden ...	561 6 3	636 0 0	426 11 2	.....	209 4 9	36 0 0	173 4 9	.....	134 11 0
Dick's Tank Garden	212 7 4	434 0 0	250 11 2	.....	183 4 10	64 0 0	119 4 10	38 3 10	.....
Malabar Hill Garden	701 1 5	706 0 0	512 12 8	.....	253 3 4	.....	253 3 4	.....	188 4 9
Esplanade Garden	.....	2,500 0 0	2,202 5 8	.....	247 10 4	150 0 0	97 10 4	2,202 5 8	.....
	92,204 12 1	1,41,943 6 3	98,963 13 4	.....	42,944 8 11	32,915 11 11	9,981 13 0	6,919 1 3	860 0 0
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—									
I. GENERAL SUPERVISION AND MISCELLANEOUS DUTIES ...	69,705 0 9	76,267 4 7	76,009 0 4	.....	258 4 3	145 10 1	112 10 2	6,303 15 7	.....
II. MECHANICAL BRANCH—									
Maintenance of Compressor Station, Colaba (Shone System)...	30,434 10 9	28,719 10 7	26,226 5 8	.....	2,493 4 11	779 11 11	1,713 9 0	.....	4,208 5 1
Maintenance of Love Grove Pumping Station	1,20,542 11 11	1,15,398 1 1	1,13,163 4 8	.....	2,234 12 5	315 5 3	1,919 7 2	.....	7,379 7 3
Maintenance of Air Compressor Station at Love Grove (Shone System) ...	83,529 15 11	78,899 12 0	75,637 3 5	.....	2,262 8 7	300 0 0	1,962 8 7	.....	5,892 12 6
Maintenance of Storm Water Sluices	1,935 10 11	2,495 0 0	1,971 2 5	.....	523 13 7	185 0 0	338 13 7	35 7 6	.....
III. SANITARY DISPOSAL OF TOWN SWEEPINGS	1,22,274 11 6	1,28,288 2 7	1,23,153 9 1	.....	5,134 9 6	3,303 10 3	1,830 15 3	878 13 7	.....
IV. DRAINAGE—									
A. Miscellaneous Drainage ...	2,35,795 15 9	2,33,392 14 4	2,29,419 8 9	.....	3,973 5 7	3,718 2 1	255 3 6	.....	6,376 7 0
B. Maintenance of Sluices ...	2,821 15 0	2,951 0 0	2,931 13 6	.....	19 2 6	.....	•19 2 6	•112 14 6	.....
V. WATER WORKS, Ordinary ...	3,74,104 11 8	3,15,539 14 6	2,75,322 2 0	.....	40,217 12 6	31,087 8 1	9,130 4 5	1,217 6 4	.....
Do. Special ...	31,642 0 0	24,635 0 0	24,617 5 2	.....	17 10 10	.....	17 10 10	.....	7,024 10 10
VI. STREETS AND BUILDINGS—									
A. Inspection and Supervision	1,31,314 12 3	1,71,574 0 2	1,70,397 5 11	.....	1,176 10 3	535 3 1	641 7 2	39,082 9 8	.....
B. Public Lighting	3,35,730 9 2	3,87,172 13 3	3,72,217 6 6	.....	15,955 6 11	10,494 4 8	4,761 2 3	36,486 13 4	.....
C. Road Watering	94,504 13 0	1,02,169 6 8	98,946 0 5	.....	3,223 6 3	3,223 6 3	.....	5,441 3 7	.....
C1. Oiling and Tarring Roads and treating Roads with Westrumite (Experimental)	26,236 9 5	44,309 5 3	18,727 6 1	.....	25,641 15 2	25,641 15 2	.....	.....	7,508 10 4
D. Roads, Footpaths, &c. ...	5,25,898 0 10	4,97,479 0 7	4,68,873 15 7	.....	28,605 1 0	18,942 14 3	9,662 2 9	.....	57,024 1 3
E. Street Improvements ...	1,07,713 0 11	1,08,279 11 7	1,08,458 7 2	.....	121 4 5	121 4 5	.....	745 6 3	.....
F. Miscellaneous (Compensation to house owners for Insanitary Buildings demolished)	722 12 5	2,290 0 0	602 12 10	.....	1,687 3 2	.....	1,687 3 2	.....	119 15 7
VII. CLEANING, LIGHTING AND REPAIRING PORT TRUST WHARVES, ROADS, &C. ...	40,183 0 0	40,183 0 0	40,183 0 0	.....	.....	.....	.....	.....	.....
	22,35,130 9 2	23,60,707 1 4	22,28,860 13 6	.....	1,31,846 3 10	97,793 15 6	34,052 4 4	90,304 10 2	96,594 5 10
Carried over Rs. ...	31,44,393 6 8	33,99,917 9 1	31,68,524 8 4	.....	2,31,393 0 9	1,68,392 10 9	62,400 6 0	1,50,207 11 4	1,26,076 9 8

Appendix No. 5—*continued.*

Particulars.	Actuals for 1908-09.	Final Sanctioned Grants for expenditure during 1909-10 as per Appendix No. 4.	Actuals for 1909-10.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1910-11 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1908-09 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.	31,41,393 6 8	33,59,917 9 1	31,68,524 8 4	.....	2,31,393 0 9	1,68,992 10 9	62,400 6 0	1,50,207 12 8	1,26,076 9 8
NEW WORKS—	1,58,062 0 4	3,34,242 11 4	1,62,745 5 3	.....	1,71,498 6 1	1,92,158 1 2	19,340 4 11	4,683 4 11	.....
	1,58,062 0 4	3,34,242 11 4	1,62,745 5 3	.....	1,71,498 6 1	1,92,158 1 2	19,340 4 11	4,683 4 11	.....
PUBLIC HEALTH DEPARTMENT—									
General Supervision	1,24,994 12 8	1,41,399 1 11	1,37,798 13 7	.....	3,600 4 4	129 10 7	3,370 9 9	12,807 0 11	.....
Conservancy Branch	19,23,557 4 2	19,05,015 13 0	18,10,371 13 11	.....	94,643 15 1	54,839 14 6	39,804 0 7	.....	1,13,185 6 3
Markets and Slaughter-houses.	1,75,278 13 8	2,12,689 8 9	1,93,704 12 9	.....	19,184 12 0	16,151 12 10	3,332 15 2	17,925 15 1	.....
Registration of Births and Deaths	64,633 6 1	74,915 3 5	71,592 5 2	.....	3,322 14 3	1,062 8 0	2,260 14 3	6,958 15 1	.....
Cemeteries	10,656 10 6	11,020 8 9	10,034 13 7	.....	985 11 2	21 0 0	961 11 2	.....	621 12 11
Mahaluxmi Dhobiwada	16,945 2 1	17,996 10 1	16,932 2 7	.....	1,064 7 6	953 14 1	110 9 5	17 0 6	.....
Milch-cattle Stables and Rooms.	8,254 11 3	7,601 10 9	7,518 10 10	.....	82 15 11	50 0 0	32 15 11	.....	733 0 5
Tank Conservancy	6,437 1 3	6,558 0 0	5,596 10 9	.....	961 5 3	.....	961 5 3	.....	840 6 6
Rustomjee Jamsedjee Dharamsala	671 6 6	538 0 0	214 8 1	.....	314 7 11	325 0 0	10 7 11	.....	456 14 5
Laboratory	13,408 12 8	16,372 13 5	13,780 13 0	.....	2,592 0 5	1,802 14 3	789 2 2	372 0 4	.....
Infectious Diseases	57,717 7 11	64,210 5 11	58,585 6 4	.....	5,654 15 7	2,625 12 10	3,029 2 9	867 14 5	.....
Vaccination (Contribution to Government)	28,245 6 11	27,533 15 3	24,033 12 6	.....	3,500 3 9	64 12 10	3,435 5 11	4,288 5 7	.....
Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay	136 13 11	19,722 14 7	14,415 4 4	.....	5,307 10 3	.....	5,307 10 3	14,278 6 5	.....
Contribution payable to the Bombay Medical Congress.	10,000 0 0	.....	.....	.....	.....	.....	.....	.....	10,000 0 0
	24,34,001 13 7	25,05,525 9 10	23,64,979 15 5	.....	1,41,445 10 5	78,029 14 11	63,415 14 6	56,015 10 4	1,55,937 8 6
GENERAL STORES ESTABLISHMENT—									
General Stores Establishment.	29,456 7 11	32,592 3 4	30,858 8 3	.....	1,733 11 1	1,112 3 8	621 7 5	1,402 0 4	.....
	29,456 7 11	32,592 3 4	30,858 8 3	.....	1,733 11 1	1,112 3 8	621 7 5	1,402 0 4	.....
EDUCATION—									
Contingent expenses incurred by the Committee appointed by Government regarding the spread of Primary Education in the City of Bombay	326 13 0	143 11 0	.....	.....	143 11 0	.....	143 11 0	.....	326 13 0
Primary Education	1,97,804 0 0	2,15,276 0 0	2,15,276 0 0	.....	.....	.....	.....	17,472 0 0	.....
School for Deaf and Dumb Mutes	2,900 0 0	3,100 0 0	3,000 0 0	.....	100 0 0	.....	100 0 0	100 0 0	.....
Veterinary College...	2,500 0 0	2,500 0 0	2,500 0 0	.....	.....	.....	.....	.....	.....
Victoria and Albert Museum ...	18,021 1 4	19,838 12 11	15,212 3 11	.....	4,626 9 0	3,896 1 2	630 7 10	.....	2,708 13 5
Victoria Jubilee Technical Institute	15,000 0 0	18,000 0 0	18,000 0 0	.....	.....	.....	.....	3,000 0 0	.....
Prince of Wales Museum ...	25,000 0 0	25,000 0 0	25,000 0 0	.....	.....	.....	.....	.....	.....
Joint Schools Committee's Establishment	12,633 0 3	11,776 0 0	11,667 6 10	.....	108 9 2	28 8 0	80 1 2	.....	965 9 5
Victoria Memorial School ...	2,500 0 0	2,500 0 0	2,500 0 0	.....	.....	.....	.....	.....	.....
	2,76,684 14 7	2,98,134 7 11	2,93,215 10 9	.....	4,878 13 2	3,924 9 2	954 4 0	20,572 0 0	4,001 3 10
HOSPITALS—									
Homeless Leper Asylum at Matunga	36,000 0 0	36,000 0 0	36,000 0 0	.....	.....	.....	.....	.....	.....
Medical Institutions	4,14,500 0 0	4,14,500 0 0	4,14,500 0 0	.....	.....	.....	.....	.....	.....
Dispensaries	14,034 9 3	11,079 0 7	11,079 0 7	.....	.....	.....	.....	.....	2,955 8 8
Adams Wylie Hospital	.....	1,000 0 0	1,000 0 0	.....	.....	.....	.....	1,000 0 0	.....
	4,64,534 9 3	4,62,579 0 7	4,62,579 0 7	.....	.....	.....	.....	1,000 0 0	2,955 8 8
Carried over Rs. ...	65,07,133 4 4	70,32,992 10 1	64,82,913 0 7	.....	5,50,919 9 6	4,04,217 4 8	1,46,732 4 10	2,33,880 10 11	2,88,970 14 5

Appendix No. 5—*concluded.*

Particulars.	Actuals for 1908-09.	Final Sanctioned Grants for expenditure during 1909-10 as per appendix No. 4.	Actuals for 1909-10.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1910-11 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1908-09 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...	65,07,133 4 4	70,32,992 10 1	64,82,043 0 7	.....	5,50,949 9 6	4,01,217 4 8	1,46,732 4 10	2,33,880 10 11	2,58,970 11 8
MISCELLANEOUS—									
Pensions, Gratuities and Compassionate Allowances	65,623 12 7	73,680 4 1	69,817 0 3	.....	3,863 3 10	3,863 3 10	.....	4,194 3 8	.....
Discretional Contingencies ...	3,716 1 11	10,540 0 0	5,850 5 5	.....	4,689 10 7	1,658 0 0	3,001 10 7	2,164 3 6	.....
Auditors' Allowance	11,316 15 8	10,000 0 0	10,000 0 0	.....	.....	.....	.....	.....	1,316 15 8
Loss on account of Private Works irrecoverable bills written off ...	104 1 1	756 1 11	666 1 11	.....	90 0 0	90 0 0	.....	562 0 10	.....
Loss on account of deterioration of articles in the store written off	48 0 0	.....	.....	.....	.....	.....	.....	.....	48 0 0
Cost of preparing the Address of Condolence presented to His Excellency Sir George Clarke and of the Casket to contain the same	380 4 0	.....	.....	.....	.....	.....	.....	.....	380 4 0
Irrecoverable charges written off in connection with the Banganga Tank case ...	22,387 2 4	.....	.....	.....	.....	.....	.....	.....	22,387 2 4
Grain Compensation	.....	1,74,332 12 9	1,56,517 7 5	.....	17,815 5 4	.....	17,815 5 4	1,26 517 7 5	.....
Local Allowance	.....	1,14,600 0 0	1,13,758 0 2	.....	841 15 10	100 0 0	741 15 10	1,13,758 0 2	.....
Arrears of rent due to Government in respect of Workshops ground at Pallon Road	.....	13,296 0 0	13,296 0 0	.....	.....	.....	.....	13,296 0 0	.....
Loss sustained in the sale of General, surplus, and obsolete stores of the different department written off	.....	61,555 13 7	61,555 13 7	.....	.....	.....	.....	61,555 13 7	.....
Charges in connection with the address of welcome to H. E. the Viceroy on his visit to Bombay	.....	2,045 0 0	2,044 0 4	.....	0 15 8	.....	0 15 8	2,044 0 4	.....
Loss sustained on account of certain unserviceable articles of general, surplus and obsolete stores written off	.....	1,455 9 1	1,455 9 1	.....	.....	.....	.....	1,455 9 1	.....
Demolishing the Municipal Mitch Cattle Stables at Cochin Street.	.....	500 0 0	.....	.....	500 0 0	.....	500 0 0	.....	.....
	1,03,575 5 7	4,62,761 9 5	4,34,990 6 2	.....	27,771 3 3	5,711 3 10	22,059 15 5	3,55,547 6 7	24,132 6 0
CONTRIBUTION TO THE CITY IMPROVEMENT TRUST	4,50,000 0 0	7,80,000 0 0	7,80,000 0 0	.....	.....	.....	.....	3,30,000 0 0	.....
PLAGUE EXPENSES	2,23,328 5 8	2,01,681 0 1	2,00,915 0 5	.....	765 15 8	.....	765 15 8	.....	22,413 5 3
MUNICIPAL DEBT—									
Interest on Loans	23,01,406 14 6	24,93,965 14 1	23,50,345 0 1	.....	1,43,620 14 0	1,43,524 15 8	95 14 4	45,938 1 7	.....
Charges on Loans	10,217 3 6	10,865 0 0	10,644 0 2	.....	220 15 10	.....	220 15 10	426 12 8	.....
Payment towards the reduction of Debt	1,09,463 12 7	1,29,233 14 11	1,14,733 14 11	.....	14,500 0 0	14,500 0 0	.....	5,270 2 4	.....
Payment towards the investment of interest accrued on Sinking Fund	3,42,407 12 8	3,73,400 0 0	3,71,842 12 8	.....	1,557 3 4	.....	1,557 3 4	29,435 0 0	.....
Payment towards the investment of Sinking Fund	5,31,751 0 0	5,29,618 8 9	5,29,618 8 9	.....	.....	.....	.....	.....	2,132 7 3
	32 98,246 11 3	35,37,083 5 9	33,77,184 4 7	.....	1,59,899 1 2	1,58,024 15 8	1,874 1 6	81,070 0 7	2,132 7 3
INVESTMENTS—									
Municipal Buildings Fire Insurance Fund	5,000 0 0	5,000 0 0	5,000 0 0	.....	.....	.....	.....	.....	.....
Interest realized on Fire Insurance Fund	4,489 6 4	4,900 0 0	4,856 1 0	.....	43 15 0	.....	43 15 0	366 10 8	.....
Net Premia, &c., Fund Investment account	.....	76,005 9 6	76,005 9 6	.....	.....	.....	.....	76,005 9 6	.....
Interest realized on the Net Premia, &c., Fund	11,983 1 8	11,250 15 4	11,250 15 4	.....	.....	.....	.....	.....	732 2 4
Interest realized on Worn-out Water Mains Renewal Fund ...	24,119 9 4	25,200 0 0	24,804 14 4	.....	395 1 8	.....	395 1 8	655 5 0	.....
Interest realized on School Building Fund	2,220 11 4	.....	.....	.....	.....	.....	.....	.....	2,220 11 4
	47,842 12 8	1,22,356 8 10	1,21,917 8 2	.....	439 0 8	.....	439 0 8	77,027 9 2	2,952 13 8
GRAND TOTAL RS. ...	1,06,30,126 7 6	1,21,26,875 2 2	1,13,97,050 3 11	.....	7,29,824 14 3	5,67,953 8 2	1,71,871 6 1	10,77,525 11 3	3 10,601 14 10
							Less	3,10,601 14 10	
								7,66,923 12 5	

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

SURPLUS

Dr. STATEMENT showing the state of the Surplus Cash

	Rs. a. p.	Rs. a. p.
Sums Payable—		
Deposits, &c., in cash	4,82,222 13 0	
Do. on account of Contractors' Government Paper kept in office	30,900 0 0	
Paper Deposits from Municipal employes and Contractors pending submission to the Bank of Bombay (kept in office)	10,500 0 0	
Bank of Bombay on account of Contractors' Securities held under objection	500 0 0	
Government of Bombay on account of Income Tax	23 7 11	
Cheques payable	93,208 15 3	
Loan Works Establishment	17,869 15 3	
Contribution from Government towards the cost of Primary School Buildings	1,00,000 0 0	7,35,225 3 10
Reserve Stock per Contra		6,58,863 10 8
Amount to be renewed in 1910-1911 for unpaid charges for and prior to 1909-1910		5,67,953 8 9
Reserve Stock Purchases	10,744 1 3	
Stock adjustment account	10,148 1 6	20,892 2 9
		19,82,934 9 5
Balance at the close of the year 1909-1910—		
Minimum Cash Balance required by the Act	1,00,000 0 0	
Amount reserved for payment to the C. I. Trust on account of contribution from revenues earmarked for the purpose during the year	8,35,000 0 0	
SURPLUS CASH BALANCE	6,93,586 14 9	16,28,586 14 9
	Total Rs...	36,11,521 8 2

W. E. WAITE,
Chief Accountant.

No. 6.

CASH BALANCE.

Balance at the close of the year 1909-1910. Cr.

By			Rs. a. p.	Rs. a. p.
Cash Deposits and Investments—				
Cash balance in the Office and Bank Treasuries			1,61,875 1 1	
Surplus Funds investments			25,15,756 4 11	26,77,631 6 0
Advances—				
To Loan Works—				
Expenditure on Loan Works as per Appendix No. 6 A, attached, including Plague expenses up to 1903-1904			4,80,62,933 9 10	
Less—				
Amount drawn from Loan Funds as per Appendix No. 6 A, attached.			4,80,62,933 9 10	.....
		Rs. a. p.		
To Municipal Officers, &c.		26,984 5 7		
Miscellaneous Advances		48,035 2 2		
Charges recoverable from Government (including Plague expenses incurred on their behalf) ...		1,11,017 7 3		
To Private and Departmental Works including Workshops		47,480 7 10		
To printing and stamping, building and repair certificates and water application forms ...		106 15 5		
To Contractors		30,478 8 2		
To Chief Auditor and Accountant G. I. P. Railway.		6,000 0 0	2,70,102 9 5	2,70,102 9 5
Reserve Stock—				
Servicable Stores—		Rs. a. p.		
Stock		4,89,841 0 8		
Water Works Imprest		978 0 3		
			4,90,819 0 11	
Executive Engineer (Kerosine oil)			2,006 12 11	
Line Suspense account			1,20,987 3 5	
			6,13,813 2 3	
Surplus and obsolete stores			45,050 8 5	6,58,863 10 8
Sales (Stores)				4,923 14 1
			Total Rs....	36,11,521 8 2

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 6-A.

STATEMENT showing (1) the Amount of Loans raised, (2) the Expenditure on Loan Works, and (3) the Invested Balance on 31st March, 1910.

	Amount of Loan raised.	Amount expended.
	Rs.	Rs. a. p.
DRAINAGE AND WATER WORKS (Rs. 26,94,000) LOAN OF 1878—		
Drainage, 1st Section	26,94,000	16,52,449 12 9 *a*
Water Works (Bhandarwada)		10,16,830 13 3
	26,94,000	26,69,280 10 0
SURFACE DRAINAGE WORKS	6,00,000	6,00,000 0 0
SANITARY WORKS (44 LAKHS) LOAN—		
Surface Drainage Works (Rs. 13,22,134-3-3—Rs. 6,00,000) ...	44,00,000	7,22,134 3 3
Drainage (1883-84)...		10,74,951 2 0 *b*
Do. (1884)		4,01,080 11 5
Ripon Road...		4,41,500 1 2
Other Sanitary Works		87,110 9 6
Water Works		18,95,947 12 0
	44,00,000	43,22,724 7 4
SANITARY WORKS (7 LAKHS) LOAN—		
Fort Drainage, &c....	7,00,000	4,62,337 0 0
Water Works		1,42,241 5 4
	7,00,000	6,04,578 5 4
DRAINAGE AND WATER WORKS (12 LAKHS) LOAN—		
Queen's Road Sewerage, &c.	12,00,000	9,01,437 3 2
Water Works (Frere Road, Main)		80,031 5 0
	12,00,000	9,81,468 8 2
MISCELLANEOUS WORKS (10,08,500) LOAN—		
Drainage Works	10,08,500	58,396 14 10
Cross Road at Mahaluxmi Station		19,594 4 8
Nowrojee Hill Road		70,089 2 0
Markets (Erskine Road, &c.)		4,86,906 2 8
Water Works		1,16,214 3 2
	10,08,500	7,51,200 11 4
HOUSE SULLAGE WATER CONNECTIONS, AGRIPADA (Rs. 2,48,000) LOAN	2,48,000	2,33,533 12 10
VARIOUS SANITARY WORKS (35 LAKHS) LOAN—		
Drainage	35,00,000	13,864 7 3
New Roads at Agripada and elsewhere...		15,26,679 2 9
Bhuleshwar Market Extension and Foras Road Market ...		3,72,835 15 1
Other Works		4,11,271 5 9
Water Works		8,72,574 9 10
	35,00,000	31,97,225 8 8
TANSA WATER WORKS (147 LAKHS) LOAN	1,47,00,000	1,46,96,383 7 0
MUNICIPAL BUILDINGS (INCLUDING FURNITURE, &c.) (8 LAKHS) LOAN.	8,00,000	7,33,060 3 0 (*c*)
FIRE BRIGADE QUARTERS, &c. (4½ LAKHS) LOAN...	4,50,000	4,03,320 6 1
23¼ LAKHS DRAINAGE, WATER WORKS, ROADS AND OTHER WORKS LOAN.—		
Drainage	23,25,000	17,44,602 15 5
Falkland Road Overbridge		15,082 9 4
Wari Bunder Bridge		1,32,652 0 0
Other Works		5,890 14 1
Water Works		1,49,523 5 7
	23,25,000	20,47,750 12 5
Carried over Rs. ...	3,26,25,500	3,12,40,526 12 2

a. Including Rs. 1,94,031-13-3 written off in 1902-03 on account of properties not then existing.
b. Do. Rs. 36,438-1-9 do. do. do. do.
c Excluding Rs. 7,34,336-8-3 paid out of the Invested Fund.

No. 6-A.—*concluded.*

	Amount of Loan raised.	Amount expended.
	Rs.	Rs. a. p.
Brought forward Rs....	3,26,25,500	3,12,40,526 12 2
15¾ Lakhs Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works Loan.—		
Drainage		5,69,077 1 0
Wari Bunder and Victoria Roads, *less* Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road ...	15,75,000	1,60,232 2 11
Burial Ground		2,11,652 4 5
Water Works		12,842 13 10
	15,75,000	9,53,804 6 2
25 Lakhs Loan for Sewerage, &c., Works.—		
Drainage		11,25,083 14 4
Water Works	25,00,000	1,97,800 10 6
Disposal of Town Sweepings and Land for Burial Ground ...		11,33,264 0 0
	25,00,000	24,56,148 8 10
19¼ Lakhs Loan for Sewerage, Roads, &c., Works.—		
Drainage	19,25,000	14,53,556 3 4
Miscellaneous Works		92,884 3 1
	19,25,000	15,46,450 6 5
24¾ Lakhs Loan for Sewerage and Water Works.—		
Drainage	24,75,000	15,15,162 10 7
Water Works		2,40,000 0 0
	24,75,000	17,55,162 10 7
12¾ Lakhs Loan for Water Works.—		
Water Works	12,75,000	4,84,509 1 10
2nd 24¾ Lakhs Loan for certain Sewerage Works	24,75,000	7,10,108 11 4
13¾ Lakhs Loan for various Sanitary Works	13,50,000	3,77,969 10 1
15 Lakhs Loan for Street Improvement in different places.	15,00,000	13,53,293 8 5
15 Lakhs Loan—1st Instalment of 30 Lakhs Loan for acquisition of sites for construction of various Over-bridges in the different parts of the City	15,00,000	3,09,478 8 10
Executed out of savings on Different Loans—		
Drainage	.....	8,12,067 2 6
Water Works	.....	5,55,546 12 3
Markets	.....	88,359 3 8
Roads, &c.	.....	78,188 2 8
Street Improvements in different places	.....	2,40,000 0 0
Miscellaneous Works	.....	3,80,252 11 6
	.....	21,54,414 6 7
Advances from Surplus Balances.—		
Drainage	.....	7,86,481 8 11
Water Works	.....	2,10,253 11 8
Roads and Overbridges	.....	3,00,838 12 1
Other works	.....	5,13,440 6 7
	.....	18,11,014 7 3
Loan for Plague Expenses.—		
Plague Expenses incurred from 1896-1897 to 1903-1904 (deducting Rs. 14¼ lakhs met from the Government Contribution) and Rs. 16 Lakhs received from the City Improvement Trust now adjusted against this head	20,00,000	29,10,052 7 4
Grand Total ... Rs.	5,12,00,500 (*a*)	4,80,62,933 9 10 (*b*)

	Rs. a. p.
a. Amount of Loans raised	5,12,00,500 0 0
b. Amount expended	4,80,62,933 9 10
Invested Balance (*vide* Statement 10, page 73)	31,37,566 6 2

W. L. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

STATEMENT of Outstanding Loans due by the Municipality and

	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1909.	Amount raised in 1909-10.	Total.	Amount re-paid in 1909-10.	Balance due on 31st March 1910.
	1	2	3	4	5	6	7
	Loan raised from Government.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Vehar Water Works Debt ...	4 per cent...	23,52,438 13 3	.....	23,52,438 13 3	20,233 14 11	23,32,204 14 4
	Loans raised from the Public.						
2	Drainage Loan of 1878 (Rs. 26,94,000)	5 per cent...	12,25,000 0 0	.....	12,25,000 0 0	(a) 94,500 0 0	11,30,500 0 0
3	The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs) ...	5 per cent...	37,39,000 0 0	.....	37,39,000 0 0	(b)	37,39,000 0 0
4	The Sanitary Works Loan of 1888 (Rs. 7 Lakhs)	5 per cent...	7,00,000 0 0	.....	7,00,000 0 0	(b)	7,00,000 0 0
5	The Tansa Water Works Loan (Rs. 147 Lakhs.)	5 per cent...	1,47,00,000 0 0	.....	1,47,00,000 0 0	(b)	1,47,00,000 0 0
6	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs) ...	5 per cent...	12,00,000 0 0	.....	12,00,000 0 0	(b)	12,00,000 0 0
7	The Miscellaneous Works Loan of 1888-89 for Drainage and Water Works, Markets and Roads (Rs. 10,08,500)	5 per cent...	10,08,500 0 0	.....	10,08,500 0 0	(b)	10,08,500 0 0
8	The Agripada House Sullage Water Connections Loan of 1889-90 of Rs. 2,48,000	5 per cent...	2,48,000 0 0	.....	2,48,000 0 0	(b)	2,48,000 0 0
9	The 35 Lakhs Various Sanitary Works Loan of 1890-91 ...	5 per cent...	35,00,000 0 0	.....	35,00,000 0 0	(b)	35,00,000 0 0
10	The Municipal Office Building Loan of 1891 (Rs. 8 Lakhs) ...	5 per cent...	8,00,000 0 0	.....	8,00,000 0 0	(b)	8,00,000 0 0
11	The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations..	4 per cent...	4,50,000 0 0	.....	4,50,000 0 0	(b)	4,50,000 0 0
12	The Loan of 42 Lakhs for repayment of the Balance of the 4½ per cent. Government Consolidated Loan	4 per cent...	42,00,000 0 0	.....	42,00,000 0 0	(b)	42,00,000 0 0
13	The Loan of 23¾ Lakhs for Drainage and other Works ...	4 per cent...	23,25,000 0 0	.....	23,25,000 0 0	(b)	23,25,000 0 0
14	The Loan of 15¾ Lakhs for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 Lakhs)... ...	3½ per cent..	15,75,000 0 0	.....	15,75,000 0 0	(b)	15,75,000 0 0
	Do. do. (2nd Instalment of Rs. 5¾ Lakhs)... ...	4 per cent...					
15	25 Lakhs Loan for Sewerage, Water and other Sanitary Works.	4 per cent...	25,00,000 0 0	.....	25,00,000 0 0	(b)	25,00,000 0 0
16	20 Lakhs Loan for Plague Purposes	4 per cent...	20,00,000 0 0	.....	20,00,000 0 0	(b)	20,00,000 0 0
17	19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	4 per cent...	19,25,000 0 0	.....	19,25,000 0 0	(b)	19,25,000 0 0
18	24¾ Lakhs Loan for certain Sewerage and Water Works ...	4 per cent...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
19	12¾ Lakhs Loan for certain Water Works	4 per cent...	12,75,000 0 0	.....	12,75,000 0 0	(b)	12,75,000 0 0
20	The 2nd 24¾ Lakhs Loan for certain Sewerage Works ...	4 per cent...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
21	13½ Lakhs Loan for the construction of quarters for Halalkhores and Biggaries	4 per cent...	13,50,000 0 0	.....	13,50,000 0 0	(b)	13,50,000 0 0
22	The 15 Lakhs Loan for Street Improvements	4 per cent...	.....	15,00,000 0 0	15,00,000 0 0	(b)	15,00,000 0
23	The 30 Lakhs Loan for the Acquisition of sites for the construction of different Over-bridges in the City	4 per cent...	... ..	15,00,000 0 0	15,00,000 0 0	(b)	15,00,000 0
	Total of Loans raised from the Public ...	Rs. ...	4,96,70,500 0 0	30,00,000 0 0	5,26,70,500 0 0	94,500 0 0	5,25,76,000 0
	GRAND TOTAL ...	Rs. ...	5,20,22,938 13 3	30,00,000 0 0	5,50,22,938 13 3	1,14,733 14 11	5,49,08,204 14

W. E. WAITE,
Chief Accountant.

No. 7.

the sums set aside as Sinking Fund at 31st March 1910.

Interest paid in 1909-10.	Total of columns Nos. 6 and 8.	Remarks.
8	9	
Rs. a. p.	Rs. a. p.	
93,742 1 1	1,18,976 0 0	(a) The amount stipulated to be paid off on 1st January 1910 was Rs. 96,500 which, together with unpaid debentures aggregating Rs. 12,500 for the preceding years, aggregated Rs. 1,09,000 against which the debentures actually surrendered for payment up to 31st March 1910 amounted to Rs. 94,500. The unpaid balance thus amounts to Rs. 14,500, which is represented by the following debentures:— No. 2368 for Rs. 500 repayable on 1st January 1905 and Nos. 2780 to 2788, 2804 to 2815 for Rs. 500 each, repayable on 1st January 1905 and Nos. 1984, 3019, 3031-3032, 3112, 3120, 3121, repayable on 1st January 1910. The unpaid debentures do not carry interest beyond the due date and will be repaid from the renewed grant when the holders apply for payment.
		(b) As under the terms of these Loans the bonds cannot be repaid to the holders before the dates stipulated in the Debentures, the Sinking Fund has been invested as under :—

	Amount of Sinking Fund invested up to 31st March 1909.	Sinking Fund Instalments paid in 1909-10.	Interest accumulations invested in 1909-10.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
60,537 8 0	1,55,037 8 0			
1,86,087 8 0	1,86,087 8 0			
42,387 8 0	42,387 8 0			
	I.—5 per cent. Loans.			
7,34,575 0 0	44 Lakhs Sanitary Works Loan	14,23,390 3 4	21,746 11 11	87,265 6 7	15,32,402 5 10
	7 Do. do. do.	2,19,853 6 1	7,176 15 1	10,032 2 7	2,36,541 6 9
	147 Do. Tanna Water Works Loan	11,53,715 13 8	60,747 5 11	53,777 7 7	12,70,240 10 2
	12 Do. Drainage and Water Works Loan	3,92,911 0 10	11,384 11 5	18,289 15 2	4,22,585 11 5
59,950 0 0	59,950 0 0	Rs. 10,08,500 Miscellaneous Works Loan	2,96,624 15 4	10,814 12 1	14,099 6 2	3,21,539 1 7
		Rs. 2,48,000 Agripada House Sullage Water Connections Loan	73,325 9 0	2,726 12 9	3,390 13 11	79,443 3 8
		35 Lakhs Various Sanitary Works Loan	8,71,611 5 4	43,635 2 11	46,674 6 9	9,55,968 15 0
		8 Do. Municipal Office Building Loan	1,91,417 11 0	8,619 1 8	9,176 15 11	2,09,224 13 7
51,150 0 0	51,150 0 0	Total I. ...	16,21,532 1 7	1,66,856 7 9	2,16,766 10 8	50,03,889 4 0
		In 6 and 4 per cent. Municipal and 4 per cent. Improvement Trust Debentures and in 3½ per cent. Govt. Paper at par lodged with the Bank of Bombay.		3,83,357 2 5		
12,100 0 0	12,100 0 0		46,24,500 0 0	3,83,500 0 0		50,08,000 0 0
1,75,150 0 0	1,75,150 0 0	Cash deposited with the Bank of Bombay	32 1 7	57 2 5		89 4 0
40,000 0 0	40,000 0 0					
		II.—4 per cent. Loans. (3½ per cent. basis.)				
17,900 0 0	17,900 0 0	4½ Lakhs Fire Brigade Quarters and Stations Loan	1,79,583 12 0	6,939 7 3	7,186 8 5	1,93,764 11 8
		42 Lakhs Loan for repayment of Balance of Government Consolidated Loan	13,52,466 15 4	30,988 12 9	60,830 5 1	16,94,286 1 2
1,07,140 0 0	1,07,140 0 0	24½ Lakhs Loan for Drainage and other Works ...	4,28,643 3 2	27,701 8 8	16,884 6 6	4,73,229 8 4
		15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Certain Water Works (2nd instalment)	87,907 3 1	16,762 2 5	3,857 7 6	1,08,526 13 0
91,150 0 0	91,150 0 0	23 Lakhs Loan for Sewerage, Water, &c., Works ...	2,94,110 2 2	29,130 2 11	11,331 10 8	3,35,221 15 9
		20 Lakhs Loan for Plague purposes...	6,15,520 0 1	70,051 15 5	28,296 0 7	7,41,868 0 1
		19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	2 02,372 3 9	22,716 6 11	8,323 4 6	2,33,441 15 2
		21½ Lakhs Loan for Sewerage and Water Works ...	1,55,39. 9 1	23,893 3 4	6,451 7 5	1,86,338 3 7
		17½ Lakhs Loan for certain Water Works...	1,06,254 8 4	24,7[illegible] 15 9	4,218 4 8	1,34,829 12 9
57,135 0 0	57,135 0 0	2nd 24½ Lakhs Loan for Sewerage Works...	The Sinking Fund of this loan is shown under a separate head below, it having been decided that the investments should be on a 3 per cent. basis.			
		Total II. ...	36,32,567 9 0	3,07,890 11 2	1,45,449 7 4	41,05,907 11 6
99,180 0 0	99,180 0 0	In 4 per cent. Municipal and Improvement Trust Debentures and in 3½ per cent. Govt. Paper lodged with the Bank of Bombay	33,52,168 2 0	4,53,240 2 6 4,53,500 0 0		41,05,668 2 0
81,450 0 0	81,450 0 0					
		Cash deposited with the Bank of Bombay	399 7 0	—159 13 6		239 9 6
77,610 0 0	77,610 0 0					
		III.—4 per cent. Loans (3 per cent. basis.)				
94,935 7 10	94,935 7 10	2nd 24½ Lakhs Loan for Sewerage Works	57,138 14 9	32,733 7 11	2,215 0 0	1,02,082 5 8
51,640 0 0	51,640 0 0	13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries...	.....	28,376 0 0	564 8 0	28,940 8 0
		Total III. ...	57,138 14 9	61,131 7 11	3,009 3 0	1,31,022 14 6
93,051 9 0	99,051 9 0	In 3 per cent. Government Paper, etc., lodged with the Bank of Bombay...	67,100 0 0	64,143 15 11 64,000 0 0		1,31,100 0 0
53,629 13 10	53,629 13 10	Cash deposited with the Bank of Bombay	58 14 9	143 15 11		202 14 8
6,007 1 4	6,007 1 4					
		IV.—3½ per cent. Loans.				
15,616 7 0	15,616 7 0	15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment)...	1,86,627 5 10	732 5 2	6,677 2 8	1,94,036 13 8
21,74,502 15 0	21,69,002 15 0	In 3½ per cent. Government Paper, etc., lodged with the Bank of Bombay	1,85,501 9 0	7,499 7 10 7,500 0 0		1,91,001 9 0
		Cash deposited with the Bank of Bombay	425 12 10	—90 8 2		35 4 8
24,68,245 1 2	24,82,978 15 0	Grand Total I, II, III and IV ...	85,31,185 15 2	5,3[illegible],508 0 0	3,71,912 12 8	94,38,636 11 10

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

SINKING

STATEMENT showing the Actual Investments on account of the Sinking Fund of Different to that date on the basis

NAME OF LOAN.	Amount raised.	When Repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.
1	2	3	4	5
	Rs.	Rs.	Rs.	
5 per cent. Municipal Loans.			†	
44 Lakhs Sanitary Works Loan	44,00,000	1st July 1886 7,000 1st „ 1887 4,43,000 1st „ 1890 51,000 1st „ 1895 1,60,000 1st „ 1925 37,39,000	41,872	..... *
7 Lakhs Sanitary Works Loan	7,00,000	1st February 1928 ...	8,170	1st February 1889...
147 Lakhs Tansa Water Works Loan ...	1,47,00,000	(a) Between 1st January 1928 and 1st Jan. 1953...	66,040	1st January 1893 ...
12 Lakhs Drainage and Water Works Loan.	12,00,000	1st January 1928 ...	(b) 12,616	1st January 1889 ...
Rs. 10,08,500 Miscellaneous Works Loan.	10,08,500	1st October 1928 ...	11,940	1st October 1889 ...
Rs. 2,48,000 Agripada House Sullage Water Connections Loan.	2,48,000	1st July 1929 ...	2,659	1st January 1891 ...
35 Lakhs Various Sanitary Works Loan.	35,00,000	1st July 1930 ...	43,061	1st July 1891 ...
8 Lakhs Municipal Office Building Loan.	8,00,000	1st July 1931 ...	9,293	1st July 1892 ...
4 per cent. and 3½ per cent. Municipal Loans.				
4½ Lakhs Fire Brigade Quarters and Stations Loan.	4,50,000	1st January 1923 ...	8,570	1st January 1894 ...
42 Lakhs Loan. for the repayment of the balance of Government Consolidated Loan.	42,00,000	1st July 1923 ...	80,678	1st July 1894 ...
23¾ Lakhs Loan for Drainage and other Works.	23,25,000	1st July 1935 ...	27,467	1st July 1896 ...
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works—				
1st Instalment	10,00,000 raised at 3½ per cent.	1st July 1936 ...	(c) 11,147	1st July 1897 ...
2nd Do.	5,75,000 raised at 4 per cent.		7,286	
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	1st November 1939 ...	29,535	1st November 1900
20 Lakhs Loan for Plague purposes ...	20,00,000	1st May 1920 ...	70,482	1st May 1901 ...
19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	19,25,000	1st June 1940 ...	22,098	1st June 1901 ...
24½ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	1st June 1943 ...	29,286	1st June 1904 ...
12¾ Lakhs Loan for certain Water Works	12,75,000	1st August 1934. ...	24,698	1st August 1905 ...
2nd 24½ Lakhs Loan for Sewerage Works.	24,75,000	1st August 1946 ...	(d) 82,823	1st August 1907 ...
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggarries	13,50,000	1st May 1938 ...	28,376	1st May 1909 ...
				Total Rs. ...

W. E. WAITE,
Chief Accountant.

No. 7 (*a*).

FUND.

Loans up to 31st March 1910, compared with the amounts which should have accumulated up of the Fixed Instalments.

Amount of Sinking Fund which should have accumulated up to 31st March 1910 at Compound Interest.	Amount actually invested up to 31st March 1910.	Amount of Interest due up to 31st March 1910 collected and invested in 1910-11.	Total of Columns 7 and 8.	Remarks.
6	7	8	9	10
Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
15,38,626	15,12,602 5 10	27,900 9 3	15,40,511 15 1	
2,40,707	2,36,514 6 9	3,943 1 10	2,40,457 8 7	† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4945 of 9th February 1907.
12,89,866	12,70,210 10 2	21,485 5 10	12,91,696 0 0	
4,30,188	4,22,585 11 5	7,350 2 6	4,29,935 13 11	* As Rs. 6,61,000 of this Loan were paid off by 31st December 1895, leaving a balance of Rs. 37,39,000 repayable on 1st July 1925, and as the Invested Sinking Fund on 31st March 1896 amounted to Rs. 1,51,047-15-5, the amount of the Annual Sinking Fund Instalment was reduced from Rs. 37,000 to Rs. 30,550 from 1st January 1897.
3,26,995	3,21,539 1 7	5,824 8 6	3,27,363 10 1	
80,909	79,443 3 8	1,372 9 8	80,815 13 4	
9,72,335	9,55,968 15 0	15,516 0 10	9,71,484 15 10	(a) Rs. 2,00,000 repayable on 1-1-1923. „ 52,91,500 „ „ 1-1-1938. „ 22,08,500 „ „ 1-1-1943. „ 17,00,000 „ „ 1-1-1946. „ 16,00,000 „ „ 1-1-1948. „ 43,00,000 „ „ 1-1-1953.
2,12,528	2,09,224 13 7	3,624 5 1	2,12,849 2 8	
1,95,395	1,93,764 11 8	2,246 6 0	1,96,011 1 8	(b) In January 1889 Rs. 10,000 were invested and in subsequent years Rs. 11,000.
17,14,465	16,94,286 1 2	18,911 7 9	17,13,197 8 11	
4,78,645	4,73,229 2 4	5,195 0 5	4,78,424 2 9	
1,95,230	1,94,036 13 8	1,942 3 4	1,95,979 1 0	
1,09,983	1,08,326 13 0	1,143 2 8	1,09,469 15 8	(b) In 1897-98 Rs. 18,875 were invested in 3½ per cent. Government Paper.
3,39,075	3,35,221 15 9	4,149 2 8	3,39,371 2 5	
7,49,515	7,41,868 0 1	8,872 12 11	7,50,740 13 0	
2,35,812	2,33,441 15 2	2,725 8 11	2,36,167 8 1	
1,92,318	1,90,839 3 7	1,950 13 6	1,92,790 1 1	
1,35,525	1,34,929 12 9	1,075 7 9	1,36,005 4 6	
1,03,589	1,02,662 6 8	768 13 5	1,03,431 4 1	(d) The Sinking Fund of this Loan has been calculated on a 3 per cent. instead of 3½ per cent. basis since 1907-08.
29,156	28,940 8 0	216 10 7	29,157 2 7	
95,70,862	94,39,636 11 10	1,36,223 5 5	95,75,860 1 3	

P. R. CADELL,
Ag. Municipal Commissioner.

STATEMENT showing the Interest outstanding on 1st April 1909 on the different of Bombay during that year, and the

	Name of each Loan.	Dates when raised.	Authority. Corporation Resolution.	Authority. Government Resolution.
	5 per cent. Loans.			
1	Drainage Loan of 1878 (Rs. 26,04,000).	1st November and 1st December 1878.	No. 1206 10-9-78.	No. 2551 22-9-78.
2	The Sanitary Works Loan of 1885-86 (Rs. 44,00,000).	Between 5th May 1885 and 30th March 1886.	Nos. 9021 8-12-84, 965 12-3-85, and 433 16-5-85.	Nos. 2670 17-7-85, 351 2-2-85, 3771 19-10-85, 460 and 121 4-2-86, 27-1-86.
3	The Sanitary Works Loan of 1888 (Rs. 7,00,000).	1st February 1888	No. 901 13-10-86.	No. 1427 4-3-88.
4	The Tansa Water Works Loan (Rs. 1,47,00,000).	Between 5th June 1890 and 24th December 1892.	Nos. 1312 13-11-85 and 345 5-1-91.	Nos. 564 12-2-86, 1004 16-3-86, 1939 31-5-86, 2876 3-7-86, 4188 21-9-87, 21-7-88, 2-10-89, 3392 23-8-90, and 2362-63 15-9-91.
5	The Drainage and Water Works Loan of 1888 (Rs. 12,00,000).	1st January and 1st July 1888.	Nos. 891 10-7-87 and 1145 8-9-87.	No 873 16-3-88.
6	The Miscellaneous Works Loan 1888-89 (Drainage and Water Works, Markets and Roads) (Rs. 10,08,500).	Between 1st November 1888 and 1st July 1889.	No. 29 4-1-88.	Nos. 3937 7-9-88, 3240 19-5-89, 4128 21-11-88
7	The Agripada House Suffrage and Water Connections Loan of 1889-90 (Rs. 2,48,000).	Between 1st January and 1st July 1890.	No. 1668. 8-10-90.	Nos. 6541 26-12-89, and 17 5-1-90.
8	The Various Sanitary Works Loan of 1890-91 (Rs. 38,00,000).	Between 25th September 1890 and 1st January 1892.	Nos. 70 4-1-90, 5293 10-11-89, 5605 7-1-89, 572 13-5-89, 5152 23-11-89, 6235 23-1-90, 433 17-1-90 and 1488 22-3-90.	No 3392 23-8-90.
9	The Municipal Building Loan of 1891 (Rs. 8,00,000).	24th December 1891	No. 11551 5-3-91.	No. 3362 16-9-91.
	4 per cent. Loans.			
10	The Loan for Fire Brigade Quarters and Stations (Rs. 4,50,000).	23rd December 1892, 30th November and 1st December 1896.	No. 5141 5-8-97.	Nos. 1023 29-3-97, 2501 24-6-96, 2161 23-6-97 and 3815 6-9-97.
11	The Loan for repayment of the balance of the 4½ per cent. Government Consolidated Loan (Rs. 42,03,000).	28th and 29th June 1893 ...	No. 13956 23-3-93.	No. 1999 6-6-93.
12	The Loan for Drainage and other Works (Rs. 23,25,000).	12th and 31st January 1894 and 24th and 25th July 1895.	No. 6222 28-9-93.	Nos. 809 3-3-94, and 3761 8-10-97.
13	The Loan for Sewerage, Wari Bander, &c., Roads, Burial Ground, and certain Water Works (Rs. 15,75,000, of which the 2nd instalment of Rs. 5,75,000 was raised at 4 per cent.).	17th July 1899	Nos. 501 12-1-94, 13697 7-3-95, 8992 7-11-95, 8976 7-11-95, 12031/5 4-2-97, and 14435 25-3-97.	Nos. 2501 22-5-95, 883 21-2-96, 2320 3-6-99 and 2611 23-6-98.
14	The Loan for Sewerage and other Sanitary Works (Rs. 25,00,000).	17th and 18th July 1899 ...	Nos. 8976 7-11-95, 12031/5 4-2-97, and 14435 25-3-97.	Nos. 8311 A 28-8-97, Telegram 26-7-98, and 2320 3-6-99.
15	The Loan for Plague purposes (Rs. 20,00,000).	6 lakhs raised between 15th July and 20th Dec 1899, 6 lakhs raised in Nov. 1900, and 8 lakhs raised between 12th Aug. and 9th Oct. 1902.	No. 8998 6-12-97.	Nos. 4160 5-9-98, and 2720 3-6-99.
16	The Loan for Sewerage, Roads and other Sanitary Works (Rs. 19,25,000).	13th and 19th July 1899 and September 1900.	No. 628 18-1-98.	Nos. 4998 5-9-98 and 2340 16-6-99.
17	The Loan for certain Sewerage and Water Works (Rs. 24,75,000).	6 lakhs raised between 15th June and 1st July 1901, 14 lakhs raised between 23rd Aug and 31st Oct. 1901, 4 lakhs raised between 19th Aug. and 24th Oct. 1902, and 3½ lakhs raised on 9th Sep. 1903.	No. 1556 11-5-1900.	No. 3427 15-6-1901.
18	The Loan for certain Water Works (Rs. 12,75,000).	1st September 1904		No. 4116 22-8-04.
19	The 2nd 2½ Lakhs Loan for certain Sewerage Works.	Rs. 12 lakhs raised on 3rd September 1905 and Rs. 12½ lakhs on 9th September 1907.	No. 241 23-1 05.	No. 4091 21-7-05 and Telegram 31-8 05. No. 4792 5-8-07 and Telegram 31-7-07.
20	The 13½ Lakhs Loan for the Construction of quarters for halalkhores and Biggaries.	7th August 1908	2204 of 29-6-08	No 3147 9-8-08.
21	The 15 Lakhs Loan for Street Improvements.	29th July 1909	No. 7553 of 20-3-07	No. 3478 17-8-08.
22	The 1st Instalment of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City.	29th July 1909	No. 181 of 8-3-00	No. 3862 23-7-09.
	3½ per cent. Loan.			
	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (Rs. 15,75,000, of which the 1st instalment of Rs. 10 lakhs was raised at 3½ per cent.)	1st December 1896	(Vide Reso. Nos. against Loan No. 13) ...	(Vide Reso. Nos. against Loan No. 13.) ...

W. E. WAITE,
Chief Accountant.

No. 8.

Loans, the amounts payable for the year 1909-1910, the amounts paid by the Bank Balances outstanding on 31st March 1910.

Date when Loan is repayable.	Interest outstanding on 1st April 1909.	Interest payable in 1909-1910.	Total Interest due.	Less Interest paid by the Bank of Bombay.	*Outstanding Balance on 31st March 1910.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1st January 1919	16,437 8 0	60,625 0 0	77,062 8 0	60,537 8 0	16,525 0 0
1st July 1925	21,150 0 0	1,86,950 0 0	2,08,100 0 0	1,86,087 8 0	22,012 8 0
1st February 1928	12,650 0 0	35,000 0 0	47,650 0 0	42,387 8 0	5,262 8 0
Between 1st January 1928 and 1st January 1953.	27,112 0 0	7,35,000 0 0	7,62,112 8 0	7,34,575 0 0	27,537 8 0
1st January 1928	4,912 8 0	60,000 0 0	64,912 8 0	59,950 0 0	4,962 8 0
1st October 1928	1,362 8 0	50,425 0 0	51,787 8 0	51,150 0 0	637 8 0
1st July 1929	.....	12,400 0 0	12,400 0 0	12,100 0 0	300 0 0
1st July 1930	11,625 0 0	1,75,000 0 0	1,86,625 0 0	1,75,150 0 0	11,475 0 0
1st July 1931	.....	40,000 0 0	40,000 0 0	40,000 0 0	.....
1st January 1923	3,020 0 0	18,000 0 0	21,020 0 0	17,900 0 0	3,120 0 0
1st July 1923	15,830 0 0	1,68,000 0 0	1,83,830 0 0	1,67,140 0 0	16,690 0 0
1st July 1935	8,690 0 0	93,000 0 0	1,01,690 0 0	91,150 0 0	10,540 0 0
1st July 1936	620 0 0	23,000 0 0	23,620 0 0	22,590 0 0	1,030 0 0
1st November 1939	820 0 0	1,00,000 0 0	1,00,820 0 0	99,180 0 0	1,640 0 0
1st May 1920	5,490 0 0	80,000 0 0	85,490 0 0	81,540 0 0	3,950 0 0
1st June 1940	6,820 0 0	77,000 0 0	83,820 0 0	77,610 0 0	6,210 0 0
1st June 1943	3,675 7 10	99,000 0 0	1,02,675 7 10	94,965 7 10	7,710 0 0 (a) 0 0 1
1st August 1934	3,170 0 0	51,000 0 0	54,170 6 0	51,640 0 0	2,530 0 0
1st August 1946	1,941 9 1	99,000 0 0	1,00,941 9 1	99,051 9 0	1,890 0 0
1st May 1938	254 4 1	54,000 0 0	54,254 4 1	53,629 13 10	624 6 3
1st May 1949	.....	7,287 10 9	7,287 10 9	6,007 1 4	1,280 9 5
1st May 1949	.....	15,616 7 0	15,616 7 0	15,616 7 0	.....
1st July 1936	262 8 0	35,000 0 0	35,262 8 0	34,545 0 0	717 8 0
Total Rs. ...	1,45,843 13 0	22,75,304 1 9	24,21,147 14 9	22,74,502 15 0	1,46,644 15 9

a Minus Rs. 0-0-1 being interest for broken period treated as saving.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 9.

STATEMENT showing Works executed out of Loan Funds during 1909-1910.

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—BUILDINGS AND SANITARY STRUCTURES—			
13½ LAKHS LOAN—			
Construction of chawls, &c., for halalkhores at Vaipa-khadi (Mazagon)	58,751 12 9		
Construction of semi-permanent huts for biggaries at Arthur Road	1,379 0 10		
Construction of Sankli Tank Bullock Hospital	21,177 2 1		
Construction of chawls for halalcoores and biggaries at Cochin Street	43,890 15 9		
Construction of stables and chawls for B Ward at Jail Road	2,779 11 8		
Construction of stables and chawls for Health Department on Grant Road Hospital Site	47,334 4 7		
Establishment charges for preparing plans &c., of stables for carts and bullocks in the City	1,078 8 1		
Commutation of Government interest on land acquired by the Municipality at Stable Street Kamatipura for Health Department	1,300 0 0		
Construction of a stable for the bullocks of N. B. and an office at Arthur Road	64,655 2 4		
		2,47,346 10 1	
SAVINGS ON DIFFERENT LOANS—			
Providing latrines and urinals at different places ...	13,872 8 2		
Constructing Office quarters and Store Room for the S. and B. Branch in G Ward at Delisle Road on the site of Foras Tank...	16,392 4 6		
Construction of an additional storey over the Bhuleshwar Fire Brigade Station	654 9 8		
MARKETS—			
Market at Elphinstone Road	732 6 5		
Market at Kamatipura	11,835 13 11		
		43,487 10 8	
ADVANCES FROM SURPLUS BALANCES—			
Construction of shops on the west and south sites of the Arthur Crawford Markets	4,498 2 11		
Construction of a stable for bullocks of the Night Branch, Public Health Department, and an office, etc.	*Cr.* 33,622 7 5		
Construction of additional quarters for the Fire Brigade Staff at Byculla, Fire Brigade Station	6,333 15 8		
Construction of an Engine House and Foreman's quarters at the Sankli Tank, Fire Brigade Station ...	6,937 10 0		
Construction of 11 urinals on Port Trust grounds near the Docks	15 9 6		
Cost of preparing plans and estimates of the proposed new Municipal Workshops at Foras Road	1,424 1 0		
Renewing the two blocks of the Butcher's chawl at the Bandora Slaughter Houses	8,214 4 10		
Advances—Carried over Rs. ...	*Cr.* 6,208 11 6		
Carried forward Rs. ...		2,90,834 4 9	

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.		2,90,834 4 9	
A—BUILDINGS AND SANITARY STRUCTURES—*contd.*			
Advance, &c—cont. and Brought forward...	Cr. 6,208 11 6		
Building a new office in the Sankli Street for the use of the Assessment Department, E Ward Office and constructing a Ward Office, Chowkidar's Quarters and Store Room for the Streets and Buildings Branch, E Ward, in Sankli Street	17,328 12 11		
Acquisition of land and properties at Jail Road, north, for the construction of stables and chawls for the Health Department	4,384 0 0		
Commutation of Government interest on land acquired by the Municipality at Stable Street, Kamatipura for the Health Department	Cr. 1,300 0 0		
Establishment charges for preparing plans and estimates for constructing stables for carts and bullocks in the City	Cr. 1,078 8 1		
Construction of 25 bathing places in the City	887 9 11		
Building a new office for the use of F and G Ward Offices at Dadar and converting the existing Ward Office into a godown and providing latrines for the workmen	4,476 10 1		
Constructing stables for the H. D. on the Grant Road Hospital site	Cr. 47,334 4 7		
Construction of chawls for habitkhores at Vaipalkhadi	Cr. 46,713 11 9		
Semi permanent Quarters for Tardeo Flats Begaries ...	Cr. 1,379 0 10		
Construction of the Sankli Tank Bullock Hospital ...	Cr. 21,177 2 1		
Construction of a Fire Brigade Station at Elphinstone Bridge Road.	5 8 2		
Construction of Buildings for Primary Schools	56,802 7 0		
Construction of A Ward offices for the different branches of the Engineer's Deptt. at Mint Road	16,633 4 3		
Constructing additional rooms and adding a story over several Fire Brigade Stations to provide accommodation for additional staff	12,415 1 7		
		Cr. 12,258 0 11	2,78,576 3 10
B. ROADS & OVERBRIDGES—			
15 Lakhs Loan—			
Street Improvement in different places	13,53,293 8 5		
		13,53,293 8 5	
30 Lakhs Loan—			
Over Bridge at Delisle Road	32,289 3 6		
Do. at Currey Road, G. I. P. Railway	12,963 13 10		
Do. at Arthur Road, do.	1,49,799 13 8		
Do. at Clerk Road, do	102 0 0		
Do. at Elphinstone Road, B. B. & C. I. P. Railways.	1,06,888 10 3		
Establishment charges for various Overbridges	7,434 15 7		
		3,09,478 8 10	
B—Roads and Overbridges—carried over...		16,62,762 1 3	
Carried forward Rs. ...			2,78,576 3 10

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.			2,76,576 3 10
B.—ROADS AND OVERBRIDGES—*contd.*, and Brought forward ...Rs.		16,62,762 1 3	
SAVINGS ON DIFFERENT LOANS—			
Acquisition of 337·11 square yards of land from Mr. Sheriffbhai Thavar required for the construction of Road from Haines Road to Ripon Road	2,205 14 7		
Street Improvements in different places	4 1 6		
		2,210 0 1	
ADVANCES FROM SURPLUS BALANCES—			
Acquisition of land for—			
(1) Street Improvements in different places	Cr. 6,98,262 11 5		
A.—SITES FOR OVERBRIDGES AND APPROACH ROADS—			
Land acquired for overbridge at Arthur Road over the G. I. P. Railway	Cr. 14,899 10 8		
General Purchase of land, &c. for the various overbridges	Cr. 861 14 1		
Land for a portion of the site of the Approach Road to the proposed overbridge at Currey Road ...	Cr. 7,388 3 10		
Land for a portion of the site of the Approach Road to the proposed overbridge at Fergusson Road ...	Cr. 17,412 4 7		
Property at Fergusson Road acquired from Mr. Karimbhai Jumabhai	Cr. 14,876 14 11		
B.—For New Streets—			
At Cavel 7,393 2 6			
At Hamalwadi 985 1 1			
Near the Parel Station of the B. B. & C. I. Railway 1,695 8 8			
	10,073 12 3	Cr. 7,43,627 15 3	
ADVANCES TO BE ADJUSTED AGAINST RECOVERIES FROM THE C. I. TRUST—			
At Piru Lane	25,810 10 10	25,810 10 10	
ADVANCES TO BE ADJUSTED AGAINST AT SALE PROCEEDS OF SURPLUS LAND—			
At Dadysett Agiary Street	12,889 15 7		
At Old Nagpada Street...	1,747 11 1		
At Modi Street, Agiary Lane	Cr. 2,511 14 9		
At Raghunath Dadaji Street	Cr. 1,741 1 2	10,384 10 9	
Grand total for B. Rs...			9,57,549 7 8
Grand total for A. & B. Carried over Rs...			12,36,125 11 6

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...			12,36,125 11 6
).—DRAINAGE—			
24½ Lakhs Loan—			
Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City	1,376 9 1		
Completion of house drainage connections in different parts of the City	42,324 7 4		
		43,701 0 5	
Second 24½ Lakhs Loan—			
Sewerage of the Malabar Hill District, Sectional ...		40,406 1 8	
Savings on Different Loans—			
Laying a 6" pipe drain along Chamarbag properties in Parel Road...	Cr. 146 8 5		
Construction of Permanent Manholes over Drains ...	1,155 1 7		
Giving Street Connections to Storm-water drains in the City	1,920 5 2		
Laying a 6" pipe drain in the passage behind the new building of Mr. Hormasji Vakil...	2,700 6 11		
Laying a 6" pipe drain in the passage leading to the Hon'ble Mr. Setalvad's bungalow	1,244 3 6		
Laying a 6" pipe drain in the passage leading to Napean Sea Road...	1,243 11 7		
Laying a 9" pipe drain at Elphinstone Road	5,972 7 8		
Extending the existing 6" pipe drain in the passage off Dadar and Kumbharwada Cross Lane	33 7 10		
Laying a 6" pipe drain in the passage at Currey Road...	470 10 2		
Laying a 9" pipe drain in the passage leading to Govt. Gate Road, Parel, North of Mrs. Jerbai Wadia's property	2,139 0 6		
		16,732 14 6	
Advances from Surplus Balances—			
Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road	46,241 15 4		
Providing an additional pipe sewer and ejector in Ferguson Road near its junction at DeLisle Road North.	44,417 15 8		
Constructing a S. W. drain in new Prabhadevi Road ...	33,681 0 7		
Constructing a S. W. drain in DeLisle Road, North of Arthur Road	44,397 3 1		
Constructing a S. W. drain in Mayo Road from Church Gate Street to Band Stand	21,138 8 10		
Constructing a S. W. drain in Mayo Road from Queen's Statue to Church Gate Street	9,172 0 0		
Extending the existing S. W. drain and constructing water gullies and water cables in Mazagon Road ...	1,342 10 3		
Measures for relieving the surcharging of sewers ...	23,201 0 9		
Construction of a S. W. drain in DeLisle Road (north)...	22 8 0		
Construction of two new drainage chowkies at Charni Road and Bapty Road	3,408 7 9		
Constructing Storm Water Drain in Khetwadi Back Road	25,650 3 11		
Construction of Drainage Staff Office and Quarters and an office for the Head Plumber at Babula Tank and providing fencing round the Drainage Chowkey and metalling the yard	19,522 13 11		
Constructing a Storm Water drain in Queens Road from Wodehouse Road Bridge to Band Stand	227 5 8		
Sewerage of Malabar Hill District...	6,613 4 9		
Provision of Ejector in the Colaba Sub-District... ...	59,318 13 0		
		3,38,355 15 6	
Grand Total for C ...			4,48,256 0 1
Grand Total for A. B. and C. Carried over Rs. ...			16,81,381 11 7

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...			16,84,381 11 7
D—WATER WORKS—			
25 LAKHS LOAN—			
Main along Kalachowki Road from Parel Road to Ghotrupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir	57 8 10		
9" service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12" main and supplemented midway by a 9" service main down Connaught Road	7,492 8 2		
		7,549 12 0	
24½ LAKHS LOAN—			
32" outlet mains from Malabar Hill to Chowpati ...		29,524 4 1	
12½ LAKHS LOAN—			
Removing and relaying the 32" Vehar main south of Kurla.		40,597 14 10	
SAVINGS ON DIFFERENT LOANS—			
Laying water mains in A Ward	12,943 13 1		
Laying water mains in B Ward	15,917 1 1		
Extending the new 9" main in the Agripada District along Gilder Street to join the existing 32" main in Grant Road...	2,636 5 9		
Replacing 32" Vehar pipes for 1¼ miles by 48" C. I. main North of Kurla	2,07,56 4		
Constructing office quarters and Store Rooms for the W. W. G Ward at DeLisle Road on the site of Foras Tank	16,402 4 6		
		2,55,463 12 6	
D—Water Works—Carried over ...		3,33,135 11 5	
Carried over ...			16,84,381 11 7

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...			16,84,381 11½ 7
D—WATER WORKS—(contd.) and Brought forward Rs. ...		3,33,135 11 5	
ADVANCES FROM SURPLUS BALANCES—			
Laying a 9" main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6" main along Ghorupdeo Road to be joined to the 6" main already laid in Albert Road	11,586 13 11		
Laying a 6" main in new Mathew Road	4,519 5 1		
Laying water mains on the Colaba Reclamation	2,354 8 3		
Laying new water mains and fixing hydrants in the roads (City Improvement Scheme No. IV.)	8,842 2 10		
Mains from 48" Tansa main at Ghatkopkli to Grant Road and 32" main from Grant Road to Malabar Hill..	14,309 6 9		
Laying water mains in A Ward	11,817 14 9		
Do. do. B ,, ...	26,889 14 6		
Laying an additional main 9" in Diameter running due west from a point on the 24" main somewhat north of Government House Parel to join the 4" main in Lady Jamsetji Road	8,446 0 9		
32" Outlet main from Malabar Hill to Chowpatti ...	13,927 2 4		
Two dead ends of the 4" main in Wari Bunder Road to be connected by a 5" main	1,383 15 6		
Replacing 3" main in Mughbhat Cross Lane by a 5" main.	1,426 12 5		
3" main in Gunpowder Road to be replaced by a 5" main and extended to join the 9" main in Reay Road ...	2,549 9 5		
Replacing 3" water main in Mazagon Road by a 5" main and extending it to join the 4" main in Wadi Bunder Road	4,637 9 11		
		1,12,682 4 5	
Total for D ...			(a) 4,45,817 15 10
Grand Total for A, B, C, and D Carried over Rs. ...			21,30,199 11 5

(a) This is exclusive of Rs 28,434-10-0 met out of Worn-out Water Mains Renewal Fund.

Appendix No. 9—*concluded.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...			21,80,199 11 5
E—CEMETERIES—			
19½ LAKHS LOAN—			
Purchase of two sites of land required for Burning and Burial Ground at Mahim and Worli including cost of enclosure walls &c.	1,107 13 6	1,107 13 6	
ADVANCES FROM SURPLUS BALANCES—			
Providing a Burial Ground at Haines Road for the Portuguese Community	457 0 7		
Providing a Burial Ground for Mahomedans in G Ward at Antop Hill, Matunga	16,036 4 9	16,493 5 4	
Total for E Rs. ...			17,601 2 10
F—DISPOSAL OF TOWN SWEEPINGS—			
19½ LAKHS LOAN—			
Extra cost of the Scheme for the Disposal of Town Sweeping at Deonar	110 4 3	110 4 3	
SAVINGS ON DIFFERENT LOANS—			
20 Additional Wagons for the Disposal of T. Sweeping...	21,655 0 0	21,655 0 0	
ADVANCES FROM SURPLUS BALANCES—			
Construction of six Cutchra Wagons	2,662 0 0	2,662 0 0	
Total for F Rs. ...			24,427 4 3
G—MISCELLANEOUS—			
ADVANCES FROM SURPLUS BALANCES—			
Filling in the Babula Tank with Debris	13,577 8 4	13,577 8 4	
Total for G Rs. ...			13,577 8 4
Loan Works Grand Total Rs. ...			21,85,805 10 10

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 9-A.

STATEMENT of Expenditure on Plague Operations for 1909-1910 contrasted with the figures for 1908-1909.

Actual Expenditure for 1908-09.			Particulars.	Actual Expenditure for 1909-10.		
Rs.	a.	p.		Rs.	a.	p.
			1. Free Medical Relief—			
			A.—Hospitals—			
28,235	4	3	I. Maratha Hospital	25,489	14	6
7,321	15	3	II. Colaba Hospital	*Cr.* 3,295	4	6
			B.—Dispensaries			
31,040	7	1	2. Maintenance of Camps	11,978	10	9
9,108	13	3	3. Net Municipal Contribution to Private Health Camps, Dispensaries &c..	15,401	9	10
8,588	1	9	4. House Inspection—Improvement of insanitary houses	.....		
146	9	9	5. Cutting off service pipes	532	6	6
627	0	0	6. Fees for notification of plague cases	852	0	0
25,021	5	6	7. General Supervision	22,279	3	9
.....			8. Allowance for removal of corpses	.....		
.....			9. Firewood for cremation of dead bodies	.....		
1,706	2	0	10. Law charges	879	0	0
36,329	9	5	11. Disinfection	37,745	5	6
15,741	5	1	12. Registration	11,152	4	0
35,573	11	10	13. Rat destruction	37,875	3	9
453	8	0	14. Inoculation	172	3	6
.....			15. Protection of Bombay by Railway against outside infection	.....		
830	15	2	16. Discretional relief	561	10	0
16,225	0	11	17. Plague allowance to persons removed from infected areas to healthy localities	29,729	14	11
7,560	9	9	18. Grain compensation	3,079	1	5
.....			19. Local allowance	7,151	15	8
2,24,510	7	0		2,01,585	3	7
1,182	1	4	*Less*—Miscellaneous Receipts on account of ground rent, &c.	670	3	2
2,23,328	5	8	Total Rs...	2,00,915	0	5

W. E. WAITE
Chief Accountant.

P. R. CADELL.
Ag. Municipal Commissioner.

Appendix

STATEMENT showing the Liabilities and Assets

Liabilities.	Original Rs.	Amount. Repaid.	Total. Balance.	Grand Total. Rs. a. p.
I—Debt.		Rs.	Rs.	
Due to Government—				
Vehar Debt				23,32,204 14 4
Due to the Public—				
5 °/₀ Loans.				
Drainage Loan of 1878	26,94,000	15,63,500	11,30,500	
Sanitary Works Loan of 1885-86	44,00,000	6,61,000	37,39,000	
Sanitary Works Loan of 1888	7,00,000	.....	7,00,000	
12 Lakhs Drainage and Water Works Loan	12,00,000	.....	12,00,000	
Rs. 10,08,500 Miscellaneous Works Loan	10,08,500	.....	10,08,500	
Rs. 2,48,000 Agripada House Sullage Water Connections Loan...	2,48,000	.....	2,48,000	
35 Lakhs Various Sanitary Works Loan	35,00,000	.....	35,00,000	
147 Lakhs Tansa Water Works Loan	1,47,00,000	.....	1,47,00,000	
8 Lakhs Municipal Office Building Loan	8,00,000	.....	8,00,000	
Total 5 °/₀ Loans ...	2,92,50,500	22,24,500	2,70,26,000	
4 °/₀ Loans.				
4½ Lakhs Loan for Fire Brigade Quarters and Stations ...	4,50,000	.....	4,50,000	
42 Lakhs Loan for Repayment of Balance of Government Consolidated Loan	42,00,000	.....	42,00,000	
23¾ Lakhs Loan for the construction of Drainage, Water Works and other Works	23,25,000	.....	23,25,000	
15¾ Lakhs Loan for the construction of Sewerage, Wari Bundor, &c., Roads, Burial Ground and certain Water Works (2nd Instalment)	5,75,000	.....	5,75,000	
25 Lakhs Loan for Sewerage, Water and other Sanitary Works.	25,00,000	.....	25,00,000	
19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	19,25,000	.....	19,25,000	
20 Lakhs Loan for Plague Expenses	20,00,000	.....	20,00,000	
24¾ Lakhs Loan for Sewerage and Water Works	24,75,000	.....	24,75,000	
12¾ Lakhs Loan for certain Water Works	12,75,000	.....	12,75,000	
Second 24¾ Lakhs Loan for certain Sewerage Works ...	24,75,000	.....	24,75,000	
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Beggaries	13,50,000	.....	13,50,000	
15 Lakhs Loan for Street Improvements...	15,00,000	.....	15,00,000	
30 Lakhs Loan for the construction of overbridges in the City (1st Instalment)	15,00,000	.....	15,00,000	
Total 4 °/₀ Loans ...	2,45,50,000	.....	2,45,50,000	
Debt due to the Public—Carried over ... Rs.	5,38,00,500	22,24,500	5,15,76,000	
Do. Govt. do.				23,32,204 14 4

No. 10.

of the Bombay Municipality at 31st March 1910.

Assets.	Face value.	Actual cost.	Deposits—Current account & fixed deposits.	Amount.	Total.	Grand Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Cash Balance at 31st March 1910 in the Office and Bank Treasuries—						1,61,875 1 1
II. Advances Recoverable—						
a. Cash advanced to Municipal Officers					26,994 5 7	
b. Inter-departmental Charges—						
Workshops (Private and Departmental Works)				15,483 3 0		
Engineer's Department (Private Works)				19,952 1 2		
Engineer's Department (Departmental Works)				12,045 3 8		
					47,480 7 10	
c. Advances to Contractors					30,478 3 2	
d. Miscellaneous					48,142 1 7	
e. Charges recoverable from Government (including Plague charges incurred on their behalf)					1,11,017 7 3	
f. Advances to the Chief Auditor and Accountant G. I. P. Ry.					6,000 0 0	2,70,102 9
III. Investments—						
a. Surplus Funds Deposits—Paper.						
4 per cent. Municipal Debentures	37,000 0 0	36,877 8 0				
4 per cent. Bombay Improvement Trust Debentures	13,000 0 0	13,128 12 0				
2½ per cent. Government Paper	27,300 0 0	28,689 7 0				
3 per cent. Government Paper	3,68,600 0 0	3,18,839 0 0				
Total	4,46,400 0 0	3,97,534 11 0	21,18,221 9 11	25,15,756 4 11	25,15,756 4 11	
b. Loan Funds—						
4 per cent. Bombay Improvement Trust Debentures	5,29,500 0 0	5,29,500 0 0				
3½ per cent. Government Paper	1,00,000 0 0	98,437 8 0				
Total Loan Funds	6,29,500 0 0	6,27,937 8 0	25,09,628 14 2	31,37,566 6 2	(a)31,37,566 6 2	
c. Sinking Funds—						
5 per cent. Municipal Loans—			Cash Deposits and Current Accounts.			
5 per cent. Municipal Debentures	34,66,000 0 0	34,66,000 0 0				
4 per cent. Municipal Debentures	3,92,500 0 0	3,92,500 0 0				
4 per cent. Bombay Improvement Trust Debentures	5,90,500 0 0	5,90,500 0 0				
2½ per cent. Government Paper	5,59,000 0 0	5,59,000 0 0				
	50,08,000 0 0	50,08,000 0 0	89 4 0	50,08,089 4 0		
4 per cent. Municipal Loans—(3½ per cent Basis)—						
4 per cent. Municipal Debentures	12,16,000 0 0	12,15,816 6 9				
4 per cent. Bombay Improvement Trust Debentures	22,36,500 0 0	22,36,551 11 3				
3½ per cent. Government Paper	6,53,300 0 0	6,53,300 0 0				
Total 4%	41,05,800 0 0	41,05,668 2 0	239 9 6	41,05,907 11 6		
4 per cent Municipal Loans—(3 per cent Basis)—						
3 per cent Government Paper	1,31,400 0 0	1,31,400 0 0				
	1,31,400 0 0	1,31,400 0 0	202 14 8	1,31,602 14 8		
3½ per cent. Loan—						
4 per cent. Municipal Debentures	6,500 0 0	6,500 0 0				
4 per cent. Bombay Improvement Trust Debentures	30,000 0 0	30,000 0 0				
3½ per cent. Government Paper	1,60,300 0 0	1,57,501 9 0				
	1,96,800 0 0	1,94,001 9 0	34 4 8	1,91,036 13 8		
Total Sinking Funds	94,42,000 0 0	94,39,069 11 0	567 0 10	94,39,636 11 10	* 94,39,636 11 10	
d. Special Funds—						
MUNICIPAL BUILDINGS FIRE INSURANCE FUND.						
5 per cent. Municipal Debentures	27,000 0 0	27,000 0 0				
4 per cent. Municipal Debentures	27,500 0 0	27,092 3 0				
4 per cent. Bombay Improvement Trust Debentures	67,500 0 0	69,272 3 0				
3½ per cent. Government Paper	1,500 0 0	1,515 10 0				
Total	1,23,500 0 0	1,24,880 0 0	113 9 2	1,24,993 9 2		
Special Funds carried over Rs.	1,23,500 0 0	1,24,880 0 0	113 9 2	1,24,993 9 2		
				Carried over Rs.	1,50,92,959 6 11	4,31,977 10 6

(a) Of this Rs. 7,76,645-9-9 belong to the Water Works Account.

* Of this Rs. 37,08,011 belong to the Water Works Account.

Appendix

LIABILITIES AND ASSETS of the Bombay

Liabilities.		Amount.	Total.	GRAND TOTAL.
		Rs.	Rs.	Rs. a. p.
Debt due to Govt. Brought forward		.....	.....	23,32,204 14 4
	Original. Rs.	Repaid.	Balance.	
Do. to the Public—Brought forward	5,38,00,500	22,24,500	5,15,76,000	
3½ °/₀ *Loan.*				
15¾ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Grounds and certain Water Works (*1st* Instalment)	10,00,000	.....	10,00,000	
Total 5°/₀, 4°/₀ and 3½°/₀ Loans ...	5,48,00,500	22,24,500	5,25,76,000	
Total Debt due to the Public Rs. ...				5,25,76,000 0 0
II. Deposits.				
Contractors', &c., deposits in cash		4,57,684 0 2		
Deposits on account of works performed for private parties		23,071 7 7		
Contractors', &c., Government, &c., Paper Deposits (lodged with the Bank of Bombay)		2,50,100 0 0	4,80,755 7 9	
Contractors', &c., Government, &c., Paper Deposits (kept in Office)		30,900 0 0		
Paper Deposits from Municipal Employes and Contractors, pending submission to the Bank of Bombay (kept in office)		10,500 0 0		
Deposit on account of Sir Mangaldas Nathoobhai's Clock		500 0 0		
Government of Bombay on account of Income Tax recovered from Establishments			2,92,000 0 0	
			23 7 11	
Court Attachments			91 2 5	
Miscellaneous Receipts, Stores Dept., Supervision Charges on stores sold ...		62 6 10		
Profit on sale of stores		1,313 12 0	1,376 2 10	
				7,74,246 4 11
Bank of Bombay on account of contractors' securities held under objection...				500 0 0
III. Purchases (Stores)			10,744 1 3	
Stock Adjustment Account			10,148 1 6	
				20,892 2½ 9
IV. Loan Works Establishment				17,869 15 8
V. Cheques payable				93,208 15½ 3
VI. Book value of Municipal land at Agripada, &c., transferred to the Improvement Trust				18,07,495 5½ 11
VII. Contribution from Government towards the cost of Primary School Buildings				1,00,000 0 0
	Total Liabilities ...			5,77,22,417 10 10
Balance being Assets in excess of Liabilities				2,26,09,238 15 8
	Total Rs. ...			8,03,31,656 10 6

W. E. WAITE,
Chief Accountant.

No. 10—*continued.*

Municipality at 31st March 1910.

Assets.	Nominal value.	Actual cost.	Cash deposits, current account and fixed deposits.	Amount.	Total.	Grand Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...					1,50,92,959 6 11	4,31,977 10 6
	Rs. a. p.	Rs. a. p.	Rs. a. p.			
Special Funds brought over ...	1,23,500 0 0	1,24,880 0 0	113 9 2	1,24,993 9 2		
2. Worn-out Water Mains Renewal Fund—						
5 per cent. Municipal Debentures	1,45,500 0 0	1,45,500 0 0				
4 per cent. Municipal Debentures	1,91,000 0 0	1,88,791 12 0				
4 per cent. Bombay Improvement Trust Debentures	2,22,000 0 0	2,25,196 9 0				
3½ per cent. Government Paper	13,500 0 0	13,630 0 0				
Total ...	5,72,000 0 0	5,73,118 7 0	407 8 3	5,73,525 15 3		
3. Net Premia Fund—						
5 per cent. Municipal Debentures	22,000 0 0	22,000 0 0				
4 per cent. Municipal Debentures	13,500 0 0	13,512 8 0				
4 per cent. Bombay Improvement Trust Debentures	15,500 0 0	16,009 11 0				
3½ per cent. Government Paper	4,500 0 0	4,668 12 0				
Total ...	55,500 0 0	56,520 15 0	72 0 0	56,592 15 0		
Total Special Funds ...	7,51,000 0 0	7,54,519 6 0	593 1 5	7,55,112 7 5	7,55,112 7 5	
					1,58,48,071 14 4	
e. Contractors', &c., Paper Deposits				2,50,100 0 0		
f. Paper Deposit on account of Sir Mangaldas Nathoobhai's Clock				500 0 0	2,50,600 0 0	1,60,98,671 14 4
IV. Reserve Stock—						
Serviceable Stores—						
Stock				4,89,841 0 8		
Water Works Imprest				973 0 3		
Line suspense account					4,90,819 0 11	
Executive Engineer's Stores (Kerosine Oil)					1,20,987 2 5	
					2,006 13 11	
					6,13,813 2 3	
Surplus and obsolete stores					45,050 8 5	6,58,863 10 8
Sales Stores						4,923 14 1
V. Loan Works—Construction—						
a. Buildings and Sanitary Structures				59,59,201 10 0		
b. Roads and Bridges				49,40,868 6 9		
c. Drainage (including Buildings)				1,48,22,501 7 9		
d. Water Works (Do.)				2,92,66,349 8 1		
e. Cemeteries (Burning and Burial Grounds)				6,47,124 12 7		
f. Disposal of Town Sweepings				10,76,198 15 8		
g. Miscellaneous				79,640 10 3		
					6,67,91,888 7 1	
VI. Unbooked Property					45,37,835 11 11	
VII. Other Property—					6,13,29,724 3 0	
Land transferred to Bombay Improvement Trust					18,07,486 5 11	6,31,37,210 8 11
			Total Rs. ...			8,03,31,656 10 6

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 10-A.

SCHEDULE of New Works, &c., carried out from Loan and Special Funds up to 31st March 1910.

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—*Buildings and Sanitary Structures*—			
Bandora Slaughter Houses	2,34,297 12 8		
Workshop and Store Shed	1,49,079 7 1		
Girgaum Police Court (Share of)	34,000 0 0		
Null Bazar Market	1,50,370 1 7		
Fort Market	22,066 2 11		
Arthur Crawford Market	11,39,410 11 6		
		17,29,624 8 9	
44 Lakhs Sanitary Works Loan—			
Enlargement of Dhobi Lines at Mahaluxmi	28,499 12 3		
Chawl for Gowlies working at the Agripada Milch-Cattle Stables ...	6,129 13 6		
Health Department Stables at Bori Bunder	43,677 13 3		
Establishment Charges for the above three Works	8,806 2 6		
		87,110 9 6	
10,08,500 *Miscellaneous Works Loan*—			
Market at Colaba	a 44,393 15 11		
Extension of Erskine Road Market	b 3,99,758 0 0		
Extension of the Arthur Crawford Mutton Market	42,754 2 9		
		4,86,906 2 8	
35 *Lakhs Various Sanitary Works Loan*—			
Health Department Bullock Stables and Quarters for Scavengers ...	1,23,897 4 11		
Bhuleshwar Market Extension	3,22,817 2 11		
Labourers' Quarters in connection with the Arthur Crawford Market.	9,518 14 3		
Foras Road Market	40,499 14 11		
Chawl for Halalkhores in Carsetji Suklaji Street	88,460 8 2		
		5,85,193 12 2	
8 *Lakhs Loan and Special Invested Fund*—			
Municipal Office Buildings		c 14,67,386 11 3	
4½ *Lakhs Fire Brigade Loan*—			
Land and Buildings for Fire Brigade		4,03,820 6 4	
13½ *Lakhs Various Sanitary Buildings Loan*—			
Construction of Chawls, &c., for Halalkhors at Valpakhadi (Mazagon).	1,62,374 12 9		
Construction of *semi-permanent huts for Biggaries at Arthur Road.*	*29,379 0 10*		
Construction of Sankli Tank Bullock Hospital	21,177 2 1		
Construction of Chawls for Halalkhores &c., at Cochin Street ...	48,890 15 9		
Construction of stables and chawls for B Ward at Jail Road ...	2,779 11 8		
Construction of stables on Grant Road Hospital site	42,334 5 7		
Establishment charges for preparing plans &c., of stables for carts and Bullocks in the City	1,078 8 1		
Commutation of Govt. Interest on land acquired at Stable Street, Kamatipura for H. D.	1,300 0 0		
Construction of a stable for Bullocks of Night Branch and an Office at Arthur Road	64,656 2 4		
		3,77,909 10 1	
Executed out of Savings on different Loans—			
Providing living and other accommodation at the Gowalia Tank Road, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations	12,527 2 2		
Constructing Lascars' quarters, &c., at Gowalia Tank Fire Brigade Station	8,983 1 10		
Executed out of Savings on different Loans, carried over ... Rs.	21,510 4 0		
A. Buildings and Sanitary structures carried over ...		51,37,511 12 6	

(a) Exclusive of Rs. 31,390 paid out of the premia received on the Loan, and Rs. 28,000 paid out of Savings on different Loans.

(b) Exclusive of Rs. 31,909-11-11 paid out of the premia received on the Loan.

(c) Inclusive of Rs. 7,24,386 0-3 paid out of the Invested Fund.

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—Buildings and Sanitary Structures.—*contd.*		61,37,611 12 6	
Executed out of Savings, &c.,—*contd.* brought forward ... ... Rs.	21,510 4 0		
Latrines at Colaba	20,290 13 10		
Constructing new Quarters for an Engineer and 10 Lascars at Sankli Tank Fire Brigade Station	13,537 13 11		
Portion of Cost of Site for the Colaba Market	28,060 0 0		
Currey Road Market	15,252 5 10		
Market at Chowpati	63 0 0		
Health Department Stables in F & G Wards	68,120 8 2		
Market at Elphinstone Road	16,242 13 8		
Construction of a Cook room in connection with the existing Engineer's Quarters and two Nahanis in connection with the Lascars' Quarters at Sankli Tank Fire Brigade Station	1,382 10 3		
Health Department Bigaries' Chawl at Bori Bunder	50,058 0 7		
Constructing a chawl of 52 rooms at the Bandora Slaughter Houses.	31,240 0 8		
Providing Latrines and Urinals at different places	52,653 3 4		
Providing accommodation, &c., for the General Stores	38,253 5 5		
Acquisition of land at Colaba as a Site for Quarters for Halalkhores.	4,268 4 10		
Providing wooden racks in Block No. 2. of the Central Stores Building at Chinchpokli	2,495 5 4		
Market at Kamatipura	29,741 0 2		
Constructing office quarters and store room for S and B Branch in G Ward at Delisle Road on the site of Foras Tank	16,392 4 6		
Construction of an additional storey over the Bhuleshwar Fire Brigade Station	654 9 8	4,09,216 8 2	
Advanced from Surplus Balances—			
Construction of additional quarters for Fire Brigade Staff at Byculla Fire Brigade Station	30,995 8 8		
Cost of preparing plans and estimates of the proposed new Municipal Workshops at Foras Road	6,695 14 8		
Construction of 11 urinals on Port Trust grounds near the Docks ...	6,502 12 2		
Construction of an Engine house and foreman's quarters at the Sankli Tank Fire Brigade Station	26,550 13 10		
Renewing the two blocks of the butcher's chawl at the Bandora Slaughter Houses	22,020 5 4		
Construction of shops on the West and South Sites of the Arthur Crawford Markets	4,683 2 2		
Building a new office in the Sankli Street for the use of the Assessment Department E Ward office and constructing a Ward Office, Chowkidars' Quarters and Store Room for the Streets and Buildings Branch E Ward in Sankli Street	17,652 1 7		
Acquisition of land and properties at Jail Road, North, for the construction of Stables and Chawls for the Health Department ...	1,93,660 8 0		
Construction of 25 bathing places in the City...	8,394 8 4		
Construction of buildings for Primary Schools...	57,595 12 4		
Building a new office for the use of F and G Ward Offices at Dadar and converting the existing Ward Office into a godown and providing latrines for the workmen...	8,671 4 3		
Construction of a Fire Brigade Station at Elphinstone Bridge Road..	5 8 2		
Construction of A Ward Offices for the different Branches of the Engineer's Department at Mint Road...	16,633 4 3		
Constructing additional rooms and adding a Storey over Several Fire Brigade Stations to provide accommodation for additional Staff	12,415 1 7		
		4,12,476 5 4	
Total for A... ...			69,59,204 10 0
B.—Roads and Bridges—			
Overbridges	1,97,563 0 1		
Foras Road	1,72,418 14 10		
Nowroji Hill Road...	57,913 3 0		
		3,67,895 1 11	
44 Lakhs Sanitary Works Loan—			
Road from Bellasis Road across Old Race Course (including Establishment Charges)		1,41,500 1 2	
B.—Roads and Bridges, carried over Rs...		5,09,395 2 1	
Carried over Rs. ...			69,59,204 10 0

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			59,59,204 10 0
B.—Roads and Bridges, &c.—*contd.*		5,09,395 3 1	
10,08,500 *Miscellaneous Works Loan*—			
Cross Road at Mahaluxmi Station from Clerk Road to Haines Road...	19,594 4 8		
Road through Nowroji Hill from Elphinstone Bridge to Dongri Street	70,089 2 0		
		89,683 6 8	
35 *Lakhs Various Sanitary Works Loan*—			
Roads and Streets in Agripada and elsewhere...	15,02,461 2 10		
New Road from Jakoria Bunder Road to Sowree Cemetery	24,217 15 11		
		15,26,679 2 9	
28¼ *Lakhs Loan*—			
Falkland Road Bridge	15,082 9 4		
Wari Bunder Bridge	1,32,652 0 0		
		1,47,734 9 4	
15¾ *Lakhs Loan*—			
Wari Bandor Road	2,85,836 8 7		
Victoria Road Extension	30,895 10 4		
		3,16,732 2 11	
15 *Lakhs Loan*—			
Street improvement in different places...	13,53,293 8 5		
		13,53,293 8 5	
30 *Lakhs Loan*—			
Overbridge at Delisle Road	32,289 3 6		
Do. at Curry Road, G. I. P. Railway	12,963 13 10		
Do. at Arthur Road, G. I. P. Railway	1,49,799 13 8		
Do. at Clerk Road, G. I. P. Railway	102 0 0		
Do. at Elphinstone Road, B. B. & C. I. P. Railways	1,06,888 10 3		
Estt. charges for various Overbridges	7,434 15 7		
		3,09,478 8 10	
Executed out of Savings on different Loans—			
Providing and fixing new pattern hydrants for watering and Fire Brigade purposes	50,000 0 0		
Diversion of Arthur Road over the masonry culvert	16,266 11 1		
Acquisition of land at different places as sites for new Roads ...	11,921 13 7		
Streets improvements in different places	2,40,000 0 0		
		3,18,188 8 8	
Advanced from Surplus Balances—			
Land at Cavel Street	1,11,979 2 7		
Acquisition of land at Gola Lane	7,038 7 0		
Do. do. at Hamalwadi	58,139 12 7		
Do. do. at Pira Lane	62,395 0 7		
Do. do. at Goga Street	20,920 13 5		
Do. do. at Maruti Lane	5,433 0 0		
Do. do. at the Junction of Gun Carriage Street and Thomas Street	4,357 0 0		
Do, do. at King Lane	13,439 8 3		
Do. do. at Nishanpada Road	610 15 3		
Do. do. at Dadysett Agiari Street	13,081 11 8		
Do. do. near the Parel Station of the B. B. & C. I. Railway	1,695 8 8		
Do. do. at Old Nagpada Street	1,747 11 1		
		3,00,938 12 1	
Met out of the Nesbit Road Bridge Invested Fund—			
Nesbit Road Bridge (Portion of cost)		49,844 8 0	
Met out of the Road Improvement Fund—			
Spent on Special Street Improvements...		19,000 0 0	
Total for B... ...			49,40,868 6 9
Grand Total for A & B Carried over Rs....			1,09,00,073 0 9

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,09,00,073 0 9
C—Drainage Works—			
Fort Sewers	78,627 4 8		
Kamatipura Drain	1,91,047 8 10		
Drains in Fanaswadi and Agiary Lane...	1,852 12 3		
Branch Sewers, Bellasis Road	7,108 6 1		
		2,78,635 15 10	
Surface Drainage Works executed out of the 6 Lakhs included in the Government Consolidated Loan and Rs. 8,12,000 included in the 44 Lakhs Loan—			
Widening Love Grove Sluices	1,57,326 7 7		
Culverts under the B. B. & C. I. Railway near Bellasis Road ...	1,791 0 8		
Khetwadi Survey	5,599 10 0		
Raising Level of Khetwadi Roads	28,355 0 1		
Raising private compounds in Khetwadi	25,336 2 1		
Three branch drains in Khetwadi and storm-water entrances ...	31,711 15 6		
Intercepting drain in Tardeo District, and storm-water entrances ...	1,69,851 10 4		
Making connection between Low-level sewers and new main drains.	2,610 8 10		
Intercepting drain from Pydhoni to Bellasis Road and Storm-water entrances	3,03,229 3 9		
Enlarging old open main drain	71,318 13 5		
Laying a new 24" main and removing old 24" Tulsi main	74,226 14 0		
Constructing storage reservoir on the Flats and raising levels of manholes and sewers	1,86,225 12 6		
Establishment for the above works	1,21,413 0 0		
Contingencies	63,627 6 11		
Cleaning the Worli Storm-water drain and widening the channels south of the Love Grove sluices	79,510 9 7		
		13,22,134 3 3	
Drainage Loan of 1878—			
Main sewers...	4,92,691 8 2		
Pipe sewers...	3,00,746 13 1		
Outfall sewer	2,55,766 10 0		
Kamatipura Drainage	76,471 4 6		
Clerk Road Ovoid sewer	39,259 5 11		
Government Commission charges	5,211 15 9		
Preliminary expenses	13,429 6 5		
Departmental works	1,072 1 3		
Compensation for land	18,831 11 1		
Proportion of repairs to roads (opened for the works)	34,372 14 7		
Miscellaneous charges	22,302 15 7		
Establishment for the above works	1,45,000 0 0		
Contingencies	51,167 7 9		
Repairs to old Main Drain at Falkland Road	2,093 13 5		
		14,58,417 15 6	
44 Lakhs Loan—			
House connections without privy fittings	6,32,080 1 7		
Shaft ventilators	44,947 0 6		
Closing Storm-water openings in Frere Road Sewer	17,108 9 6		
Queen's Road intercepting sewer	1,58,969 0 0		
House connection survey	4,561 13 3		
House connections, Kamatipura Drainage	34,977 7 5		
Establishment charges	88,869 0 0		
Pipe sewer from Clare Road along south portion of Haines Road and DeLisle Road	1,14,260 0 7		
Pipe sewer from Parel Workshop to Clerk Road Ovoid sewer ...	65,798 9 11		
Extension of Clerk Road Ovoid sewer to Parel Road	35,569 8 0		
Ovoid sewer across the Old Race Course	59,746 13 2		
Ovoid sewer from the Crawford Market down Hornby Road to Bazar Gate and thence to the Mint	89,401 11 5		
Establishment	36,309 0 0		
		13,77,593 11 8	
7 Lakhs Sanitary Works Loan—			
Adjustment of the extra expenditure incurred on the Queen's Road intercepting sewer	9,633 10 8		
Fort Drainage	3,68,422 5 9		
Establishment charges	39,419 0 0		
New Works at Love Grove Pumping Station	34,645 9 6		
Construction of a side drain along Wari Bunder Road	4,934 0 1		
Construction of a pipe sewer in certain lanes in Khetwadi	5,282 6 0		
		4,62,337 0 0	
C.—Drainage works, &c., carried over Rs.		48,99,118 14 3	
Carried over Rs....			1,09,00,073 0 9

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs a. p.	Rs. a. p.
Brought forward ...			1,09,00,073 0 9
C.—Drainage Works, &c.—*contd.*		48,99,118 14 3	
12 *Lakhs Loan*—			
Queen's Road pipe sewer including contingencies	6,99,998 4 2		
Queen's Road house connections...	2,05,306 0 9		
Establishment and contingencies	86,132 14 3		
		9,01,437 3 2	
10,08,500 *Miscellaneous Works Loan*—			
Extension of Parel Road Storm-water Drains from Bellasis Road to 4rds the length of Ripon Road	41,106 6 9		
9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street...	17,290 8 1		
		58,396 14 10	
2,48,000 *Agripada House Sullage Water-connection Loan*—			
House Sullage Water-connections at Agripada	.....	2,33,533 12 10	
35 *Lakhs Various Sanitary Works Loan*—			
Sewer flushing arrangements	.....	13,864 7 3	
23¾ *Lakhs Loan*—			
Pumps and steam engine for the working of the Love Grove Pumping Station	4,63,345 8 6		
Sewerage of Colaba...	7,56,419 0 0		
Sewerage of Umarkhadi District	3,53,786 5 9		
Storm-water drains in Moreland, Soutor, Club and Gilder Streets...	79,644 0 2		
Storm-water drains in different places	21,819 11 2		
Storm-water drains in Connaught and Sussex Roads...	35,923 15 9		
Miscellaneous extensions and improvements of drains	33,664 6 1		
		17,44,602 15 5	
15½ *Lakhs Loan*—			
Sewerage of the Mazagon District on gravitation system	3,06,680 0 5		
Sewerage of Malabar and Khamballa Hills on gravitation system...	1,31,666 0 1		
Sewerage of Fergusson Road and Chinchpokli District	89,829 8 5		
Raising sewerage in Queen's Road sewer	1,862 0 0		
Sewerage of Old Race Course District on gravitation system ...	39,039 8 1		
		5,69,077 1 0	
25 *Lakhs Loan*—			
Machinery for the sewerage of Parel, the Mazagon, &c., sectional districts	7,35,520 6 0		
Mazagon district, sectional	3,52,785 4 2		
Storm-water drain from Wellington Fountain via Bandstand to the Sea	36,778 4 2		
		11,25,083 14 4	
19¼ *Lakhs Loan*—			
Improvements in the road side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, &c.	29,856 14 11		
Surface drainage of Kamatipura...	83,440 9 2		
Storm-water drain in Tardeo Road	1,56,542 11 3		
Low-level channel from the Tardeo Flats to Worli Point	11,83,726 0 0		
		14,53,566 3 4	
24¼ *Lakhs Loan*—			
Sewerage of the Fergusson Road and Chinchpokli District on the sectional system	2,56,782 14 6		
Sewerage of the Parel District on the sectional system	4,66,272 3 7		
Completion of house drainage connections in different parts of the city....	6,48,991 4 5		
Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City ...	1,43,116 4 1		
		15,15,162 10 7	
Second 23¼ *Lakhs Loan*—			
(17) Catchpits on pipe sewers	26,994 14 0		
(7) Catchpits on ovoid sewers	43,165 13 4		
Sewerage of the Malabar Hill District—Sectional	6,39,948 0 0		
		7,10,108 11 4	
C.—Drainage works, &c., carried over Rs. ...		1,32,23,952 12 4	
Carried over Rs...			1,09,00,073 0 9

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,09,00,073 0 9
C.—Drainage Works, &c.—*contd.*		1,32,23,952 12 4	
Executed out of savings on different Loans—			
Slab drain 18" × 18" in Store Lane, Homji Street	2,557 2 6		
Pipe sewer in Currey Road	2,595 15 5		
Main sewerage of Parel	22,121 7 8		
Arching over with brick masonry the main drain at the Arthur Road Crossing	15,655 0 4		
9" pipe sewer at Lalwadi...	2,087 8 2		
Laying branch pipe sewers in the village of Parel	17,527 13 11		
Ovoiding side drains to the north of Kalachowki Road	2,600 4 3		
Completing the Storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road	14,460 2 7		
Sewerage of Parel on the gravitation system	62,081 1 5		
Storm-water drain in Cruickshank Road	17,337 6 0		
Laying a 9" pipe for the carriage of Storm-water to the Sea from the eastern half of Wodehouse Road	1,992 1 3		
Laying a 9" pipe line at the Parel village	878 7 3		
Storm-water drains in part of Gildor Street and Foras Road from Grant Road to Falkland Road	10,781 14 10		
Constructing a catch-pit on the Mint Road sewer opposite the European General Hospital	4,880 10 8		
Altering and ovoiding Storm-water drain in Girgaum	11,548 14 10		
Construction of a Storm-water drain in Khotwadi	52,662 2 8		
Draining the Storm-water from the public road round the Mahaluxmi Dhobiwada	1,156 0 3		
Ovoiding and re-grading the open Road side drains in Umarkhadi Road	3,119 0 11		
Converting the old engine house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters	25,031 4 1		
Tidal flaps on flushing drains for ovoid sewers	2,235 4 4		
Drainage arrangements at Tardeo Road	2,292 0 8		
Laying a 9" pipe sewer in Fergusson Cross Road	2,261 14 9		
Masonry drain from Girgaum Road and passing through Night-soil Depôt	21,317 6 7		
Opening out the public water-course behind Mr. Cama's property at Parel Road	3,362 6 7		
Laying a 12" pipe from the emergent reservoir to man-hole in Apollo Street	3,169 7 8		
Storm-water drains in different places	34,904 7 9		
Ovoiding and constructing masonry side drains in different places	17,895 11 11		
Ovoiding and constructing masonry side drains on Carroll Road, north-side	2,711 3 3		
Ovoiding Kutcha drain in Arthur Road as far as G. I. P. Railway Crossing	4,988 15 1		
Constructing Storm-water drains and ovoiding and constructing masonry side drains in different places	20,493 10 8		
Automatic flush tanks on pipe sewers	38,434 0 10		
Improving side drains, Malabar Hill	7,672 13 6		
Storm-water drains at Fergusson Road from DeLisle Road to the Water-course (3,200 feet) west of the Road	22,964 4 9		
Providing and constructing masonry side drain in Malabar Hill	7,346 11 0		
Providing and constructing masonry side drains (*a*) on Naigaum Cross Road on both sides from Vincent Road to Dadar and (*b*) east and west of Ghorupdeo Road	5,239 5 6		
Storm-water drain running on the west of the G. I. P. Railway, Dadar Station	7,023 6 9		
Executed out of savings on Different Loans continued and carried over ... ... Rs.	4,32,387 10 7		
C.—Drainage Works, &c., carried over ... Rs.		1,32,23,952 12 4	
Carried over Rs. ...			1,09,00,073 0 9

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,09,00,073 0 9
C.—Drainage Works, &c.—*contd.*		1,32,23,952 12 4	
Executed out of savings on different Loans—contd.	4,82,887 10 7		
Constructing quarters for workmen at Love Grove Air Compressor Station (including purchase of land and an old chawl)	21,961 1 5		
Constructing additional quarters for Lascars at Love Grove ...	5,477 9 6		
Cutting out rocky barriers in the channel at Love Grove	116 6 0		
Surface Drainage in Queen's Road between the level crossing and Charni Road	2,807 15 0		
Ovoiding and re-grading the side drain in Imamwada from Parel Road to Jail Road, North	2,089 3 10		
Masonry Storm-water Drain 18" × 18" in Apollo Street	1,888 15 9		
Open ovoid drain on the east side of DeLisle Road	1,567 14 10		
Zinc ventshafts on pipe sewers in the Fort Sewerage District ...	11,165 8 9		
Storm-water drain in Sankli Street	11,529 15 8		
Cost of obtaining advice from Mr. Santo Crimp in regard to House Connections, &c.	11,992 9 10		
Construction of permanent man-holes over drains	26,554 14 11		
Masonry side drains at Malabar Hill from Gowalia Tank Road to the Government House	7,805 4 2		
Tidal flaps on the ovoid sewers	11,025 14 0		
Construction of a coal shed, a coal tramway, and fence round the compound of the Love Grove Air Compressor Station	11,211 10 9		
6" Pipe Drain in DeLisle Road	430 10 7		
6" Pipe Drain in Banganga Cross Lane	824 15 8		
Extension of the 15" sealed sewage main in Fergusson Road from the Culvert to Worli Road	11,466 8 10		
Laying a 6" pipe drain in Tulsirampada in Parel Chawl Road	1,051 12 0		
Laying a 6" pipe drain in the private passage known as Kalachowki Cross Lane	602 14 7		
6" Pipe Drain in the passage to the north of Parel Cross Lane ...	472 10 3		
Connecting certain properties in Gilder Street with the new storm-water drain constructed thereat	1,496 13 1		
Laying a 9" stoneware pipe drain in a portion of Poras Road west of Carroll Road	1,365 13 11		
Laying a 6" pipe drain in the passage belonging to Sulleman Jusab at Belvedere Hill Road...	647 8 2		
Laying a 6" pipe drain in Bapty Road...	486 15 2		
Laying a 9" pipe drain at Tank Bunder Koliwada	2,042 13 3		
Construction of a catch-pit on the Queen's Road ovoid sewer in Charni Road, &c.	6,202 0 4		
Laying a drain at Mr. Tribhowandas Varjivandas Oart at Girgaum Back Road	254 13 2		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle	25,000 0 0		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle	25,000 0 0		
Storm-water drain in Haines Road from Khatao Makanji's Mill to Jacob Circle	35,000 0 0		
Laying a branch 6" pipe sewer at DeLisle Road	761 3 7		
Laying a 6" pipe drain at Ghorupdeo Road	404 6 3		
Laying a 9" pipe sewer along Elphinstone Road at its Junction with Parbhadevi Road	1,112 5 3		
Laying a 9" pipe drain with Inspection Chamber at the passage running through Chamarbag properties.	3,928 8 10		
Giving Street connections to Storm-water drains in the City ...	7,022 5 4		
Laying a 6" pipe drain on the Tulsi main Road	1,000 9 1		
Laying a 6" pipe drain at Ghorupdeo Road, 1st Cross Lane	380 14 10		
Executed out of savings on Different Loans continued and carried over ... ... Rs.	7,36,529 5 2		
C.—Drainage Works, &c., carried over Rs. ...		1,32,23,952 12 4	
Carried over Rs. ...			1,09,00,073 0 9

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			1,09,00,073 0 9
C.—Drainage Works, &c.—*contd.*		1,32,23,952 12 4	
Executed out of Savings on different Loans—contd.	7,36,529 5 2		
Constructing a Storm-water Drain at Kalachowki Road	789 2 3		
Laying a 6" pipe drain along Charanrbag properties in Parel Road...	1,166 0 8		
Laying a pipe sewer between Forjett Street and Tardeo Road ...	2,409 10 2		
Fees to Mr. Midgley Taylor on account of his report on the Ejector, &c., required for Sectional District	1,961 1 4		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts ...	10,388 0 0		
Tracing the plans and sections of the Parel, Mazagon, and Old Race Course Districts	658 15 0		
Fees to Messrs. Midgley Taylor and G. R. Strachan for their opinion on matters connected with the surcharging of sewers	16,796 13 4		
Expenses incurred by Mr. James in connection with enquiries in regard to Lierner system, &c.	1,634 3 0		
Construction of a storm-water drain in Church Gate Street from its junction with Mayo Road to the main storm-water drain in Queen's Road near the Church Gate Street	4,033 9 5		
Laying a 6" pipe sewer in the passage opening to Portuguese Church Road	1 0 0		
Laying a 6" pipe drain in the passage at Currey Road	1 0 0		
Laying a 6" pipe drain at Madanpura	346 4 2		
Extension of the 15" sealed sewage main from the Chinchpokli Fire Brigade Station to the head manhole on Clerk Road sewer ...	12,408 4 9		
Constructing a storm-water drain in Colaba Causeway between Mayo Road and Thomas Street	8,973 9 11		
Preparation of certain models for improvement of main sewers &c..	200 0 0		
Laying a 6" pipe drain in the Passage behind the New Building of Mr. Hormasji Vakil	2,700 6 11		
Laying a 6" pipe drain in the leading to the Hon'ble Mr. Setalvad's Bunglow	1,244 3 6		
Laying a 6" pipe drain in the Napean Sea Road	1,243 11 7		
Laying a 9" pipe drain at Elphinstone Road	5,988 10 10		
Extending the existing 6" pipe drain in the passage off Dadar and Kumbharwada Cross Lane	33 7 10		
Laying 6" pipe drain in the Passage at Currey Road	470 10 2		
Laying 9" pipe drain in the passage leading to Govt. Gate Road Parel	2,139 0 6		
		8,12,067 2 6	
Advances from Surplus Balances—			
Storm-water drain in Haines Road from Khatao Makanji's Mill to Jacob Circle	13,844 13 3		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle...	1,900 9 11		
Storm-water drain in Arthur Road from its Junction with Kalachowki Road and Jacob Circle	65,453 14 7		
Providing an additional ejector in Fergusson Road near its junction with DeLisle Road	78,230 3 8		
Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road	2,25,866 4 11		
Colaba Sewerage works	44,836 14 11		
Constructing strom-water drains in Marine Lines from the Northern end of the B. B. and C. I. Railway Office to the junction of 1st Marine Line	13,177 10 10		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle	2,086 12 11		
Constructing a storm-water drain in New Parbhadevi Road	33,746 5 0		
Constructing a storm-water drain in DeLisle Road North of Arthur Road	44,502 3 0		
Constructing a storm-water drain in Mayo Road from Church Gate Street to Band Stand	21,182 3 3		
Constructing a storm-water drain in Mayo Road from Queen's Statue to Church Gate Street	9,192 11 8		
Constructing a storm-water drain in Colaba Causeway between Ormigton Street and Thomas Street	8,538 5 0		
Advance from Surplus Balance—carried over ...	5,62,559 0 11		
C.—Drainage Works, &c.—carried over ...		1,40,36,019 14 10	
		Carried over Rs. ...	1,09,00,073 0 9

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,09,00,073 0 9
C.—Drainage Works, &c.—*contd.*		1,40,36,019 14 10	
Advance from Surplus Balance—brought forward ... ... Rs.	5,62,559 0 11		
Extending the existing storm-water drain and constructing water gullies and water tables in Mazagon Road	4,021 11 1		
Measures for relieving the Surcharging of Sewers	30,799 13 6		
Construction of a storm-water drain in DeLisle Road (North) ...	48,396 3 3		
Construction of a storm-water drain in DeLisle Road (South) ...	15,257 13 3		
Construction of two New Drainage Chowkies at Churney Road and Bapty Road	13,083 15 6		
Construction of an office for the Drainage Staff and quarters and an office for the Head Plumber at Babula Tank Site and providing fencing round the Drainage chowkey and metalling the yard ...	19,653 4 1		
Constructing a storm-water drain in Khotwadi Back Road	25,650 3 11		
Constructing a storm-water drain in Queens Road from Wodehouse Road Bridge to Band Stand	227 5 8		
Sewerage of Malabar Hill District	6,613 4 9		
Provision of Ejector in the Colaba Sub-District	59,318 13 0		
		7,86,481 8 11	
Total for C ...			1,48,22,501 7 9
D.—*Water Works*—			
Vehar Lake (value of)		45,21,943 7 9	
Tulsi Water Works	37,61,888 6 0		
Vehar Outlet Tower	2,38,111 10 0		
		40,00,000 0 0	
Drainage and Water Works Loan of 1878—			
Service Reservoir at Bhandarwada		10,16,830 13 3	
44 Lakhs Sanitary Works Loan—			
Tulsi gathering ground	60,000 0 0		
Malabar Hill Reservoir	4,00,000 0 0		
New hydrants, including cost of erection	20,876 7 1		
Tulsi gathering ground	34,500 0 0		
Construction of a double-storied chawl for the Water Works staff and quarters for the Superintendent...	29,182 3 3		
Survey of new catch-water channels, &c.	7,838 4 1		
Construction of filter-beds at Vehar	1,04,433 15 11		
Improvement of the water-supply of the outlying districts ...	6,82,065 0 8		
Raising the Tulsi dams	1,13,257 9 7		
Providing additional catch-water channels at Vehar and Tulsi ...	91,794 0 6		
Purchase of check meters for the prevention of waste of water ...	1,27,132 14 8		
Enlarging different mains	1,03,130 8 6		
Cost of new water mains from Nesbit Road to Babula Tank... ...	15,000 0 0		
Establishment charges	80,770 0 0		
Portion of excess cost of the Vehar Outlet Tower—debitable to this Loan	23,684 11 9		
Provision of turbine at the Malabar Hill Reservoir	2,282 0 0		
		18,95,947 12 0	
7 Lakhs Sanitary Works Loan—			
Malabar Hill Reservoir (extra cost)	1,14,039 2 6		
Increasing and improving the distribution of the water supply and providing higher levels, Tulsi District, with filtered water ...	20,211 8 4		
Portion of excess cost of Vehar Outlet Tower	7,990 10 6		
		1,42,241 5 4	
12 Lakhs Drainage and Water Works Loan—			
18" Main in Frere Road from the Bhandarwada Reservoir to Carnac Road and 12" main from Carnac Road to Mint		80,031 5 0	
19,08,500 Miscellaneous Works Loan—			
Concrete trench, waste weir, Vehar Lake	30,608 7 1		
Mains in 14 streets west of Frere Road and other mains in various places	59,275 1 8		
Arthur Road connection works necessitated by the laying of the Tansa 27" main...	9,542 10 5		
Deason's meters	16,788 0 0		
		1,16,214 3 2	
D.—Water Works, &c., carried over ...		1,17,73,208 14 6	
		Carried over Rs. ...	2,57,22,574 8 6

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,57,22,574 8 6
D.—Water Works, &c.—*contd.*		1,17,73,208 14 6	
85 Lakhs Various Sanitary Works Loan—			
Providing an asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith.	92,872 9 2		
Pawai Water Works	6,60,479 6 9		
Additional Water Mains	88,386 0 10		
Extension of Tulsi catch-water Channel	20,836 9 1		
		8,72,574 9 10	
147 Lakhs Tansa Loan—			
Tansa Water Works including cost of Survey		*1,46,96,383 7 0	
15¾ Lakhs Loan—			
Improvements of the outlet towers at Vehar and Tulsi		12,842 13 10	
25 Lakhs Loan—			
9" Main from Ghorupdeo Road, to Jakeria Bunder Road and 6" Main from thence to Sewri Cemetery Road	21,592 13 2		
New mains in Reay Road, &c.	1,042 5 0		
Main along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir	1,26,801 7 11		
9" Service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12" main and supplemented midway by a 9" service main down Connaught Road.	48,364 0 5		
		1,97,800 10 6	
22½ Lakhs Loan—			
Extension of water mains in various places	28,026 6 5		
Further alterations and improvements at the Malabar Hill Reservoir.	29,971 14 8		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	91,052 13 0		
Road from Vehar to Tulsi with a light tramway to carry pipes ...	471 8 6		
		1,49,522 5 7	
12½ Lakhs Water Works Loan—			
Construction of additional filters at the Malabar Hill Reservoir ...	2,45,327 13 7		
Water mains in connection with the Improvement Trust Schemes—			
9" and 4" mains in the new roads in the Agripada District	38,992 11 6		
4" main in New Street near Lohar Chawl	2,531 10 9		
Mains in the 1st Nagpada Scheme	6,731 6 1		
4" main along Woodehouse Road	2,426 2 11		
Removing and relaying the 32" vehar main, South of Cooria ...	† 1,85,692 0 6		
4" main in Sankli Street	1,140 11 7		
4" main in Connaught Road Estate	1,966 9 8		
		4,84,509 1 10	
24½ Lakhs Loan—			
Mains from 48" Tansa Main at Chinchpokli to Grant Road and 32" main from Grant Road to Malabar Hill	2,10,000 0 0		
32" out-let mains from Malabar Hill to Chowpati	30,000 0 0		
		2,40,000 0 0	
D.—Water Works, &c.—Carried over ...		2,84,26,844 15 1	
		Carried over ...	2,57,22,574 8 6

* Exclusive of Rs. 1,40,000 paid out of the Premia received on the Loan.

† Exclusive of Rs. 3,71,000 paid from the contribution received from the G. I. P. Railway Co.

Appendix No. 10-A—*concluded.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,57,22,574 8 6
D.—Water Works, &c.—*contd.*		2,84,26,841 15 1	
Executed out of savings on different Loans—			
15" water main from 24" main in Bhoiwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9" main to the Century Mill	49,452 0 2		
New mains in various places	28,803 1 1		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	44,597 14 4		
Excess cost of Worli Road main	21,696 4 1		
Residence of the Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 sintcemen	32,028 1 3		
24" and 27" mains from Malabar Hill Reservoir to Frere Fountain, Fort	50,093 1 2		
Connections at Ghinchpokli between Tansa and Vehar Mains ...	7,402 1 4		
Laying water mains in Wellington Lines	4,397 9 5		
Do. &o. in A Ward	12,943 13 1		
Renewing 3" main in B Ward with 4" pipes—extra cost chargeable to Capital	4,533 3 4		
Replacing 32" Vehar pipes for 1¼ miles by 48" C. I. pipes	2,09,615 10 10		
9" main in DeLisle Road	9,849 6 1		
4" main in Khara Talao Road	2,774 11 7		
Providing the trunk Water Mains with Venturi water meters ...	23,000 0 0		
Laying water mains in B Ward	17,034 0 0		
Extending the existing 9" main in the Agripada District along Gilder Street to join the existing 32" main in Grant Road ...	11,904 13 6		
Extending the existing 9" main in DeLisle Road, to join with 15" main in Elphinstone Road	8,983 12 0		
Travelling expenses to an Inspector and a laskar for taking Survey &c., in connection with the storage reservoir and filter beds at Ghat Kooper	35 0 6		
Constructing office quarters and store rooms for W. W. G Ward at DeLisle Road on the site of Foras Tank	16,402 4 6		
		5,55,546 12 3	
Advanced from Surplus Balances—			
Laying a 9" main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6" main along Ghorupdeo Road to be joined to the 6" Main already laid in Albert Road	15,972 15 0		
Laying a 6" main in New Mathew Road	4,562 11 9		
Laying water mains on the Colaba Reclamation	36,269 2 0		
Laying new water mains and fixing hydrants in the Roads (City Improvement Scheme No. IV)...	29,969 7 5		
Providing the trunk water mains with Venturi water meters ...	1,346 5 8		
Mains from 48" Tansa Main at Chinchpokli to Grant Road and 32" main from Grant Road to Malabar Hill	51,063 2 8		
Laying Water mains in A Ward	11,817 14 9		
Laying Water mains in B Ward	26,880 14 6		
Laying an additional main 9" in diameter running due West from a point on the 24" main somewhat North of Govt. House, Parel, to join the 4" main in Lady Jamsetji Road...	8,446 0 9		
32" Outlet mains from Malabar Hill to Chowpatti	13,927 2 4		
Two Dead ends of the 4" main in Wari Bunder Road to be connected by a 5" main	1,383 15 6		
Replacing 3 main in Mumbhat Cross Lane by a 5" main	1,426 12 5		
3" main in Gunpowder Road to be replaced by a 5" main and extended to join the 9" main in Reay Road	2,549 9 5		
Replacing 3" Water Main in Maragon Road by a 5" main and extending t to join the 4" main in Wari Bunder Road	4,637 9 11		
		2,10,253 11 8	
D.—Water Works &c.—carried over ...		2,91,92,642 7 0	
Carried over ...			2,57,22,574 8 6

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,57,22,574 8 6
D.—Water Works, &c.—*contd.*		2,01,02,642 7 0	
Paid out of the Worn-out Water Mains Renewal Fund—			
Laying a 9" main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6" main along Ghorupdeo Road to be joined to the 6" main already laid in Albert Road.	6,446 14 1		
Laying a 6" main in Matarpakhadi and a 12" main along Mazagon Road from Nesbit Lane to Mount Road	5,638 0 11		
Cost of renewing 3" main in Worli Road with 9" pipes (chargeable to revenue)	26,517 3 9		
Replacing 3" main in Zaoba's Cart by a 4" one	672 7 6		
Mains in the 1st Nagpada Scheme	1,645 8 0		
Replacing the 5" main in Janjikor Street and 3" and 4" main in Old Hanuman Lane by a 6" main	4,359 1 2		
4" main in New Street near Lohar Chawl	2,168 15 11		
Replacing 3" main in Foras Road by a 6" main	3,427 0 0		
Replacing the 3" main in Chunam Kiln Road by a 5" main ...	998 14 10		
Replacing 3" Water Main in Mazagon Road by 5" main and &c. ...	2,035 6 10		
Laying Water mains in A Ward...	3,086 5 1		
Laying Water mains in B Ward	5,075 8 10		
Replacing a 3" Water main in Mughbhat Cross Lane by a 5" main.	924 5 9		
Laying 3" main in Gunpowder Road to be replaced by a 5" main &c., &c.	1,730 5 8		
6" Water main in Soparibag Road from the Junction of Parel Govt. Gate Road with Elphinstone Road	6,981 0 9		
		73,707 1 1	
Total for D ...			2,92,66,349 8 1
E.—*Cemeteries (Burning and Burial Grounds)*—			
15½ *Lakhs Loan*—			
Burial ground for Mahomedans and Beni-Israels		2,11,652 4 5	
19½ *Lakhs Loan*—			
Purchase of two sites of land for burning and burial grounds at Mahim, and Worli including cost of enclosure walls, &c.		47,665 4 4	
25 *Lakhs Loan*—			
Purchase of land from Mr. Ashburner for extension of burial ground for Mahomedans...	1,17,046 0 6		
Purchase of land in Nariclwady for future extension of burial ground for Mahomedans...	1,00,577 5 10½		
Extension of burial ground at the Sewri Cemetery	71,640 9 8		
		3,49,264 0 0	
Advanced from Surplus Balances—			
Providing a burial ground at Haines Road for the Portuguese Community	18,622 11 1		
Providing a burial ground for Mahomedans in F and G Wards, Antop Hill Matunga	19,920 9 8		
		38,543 3 10	
Total for E. ...			6,47,124 12 7
		Carried over ...	5,56,36,048 13 2

Appendix No. 10-A—*continued.*

Amount.	Total.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			5,56,36,048 13 2
F.—Disposal of Town Sweepings—			
35 *Lakhs Loan—*			
Purchase of land on the Flats required for the disposal of town sweepings		1,98,913 8 8	
23½ *Lakhs Loan—*			
Purchase of land on the Flats for the deposit of kutchra ...		5,890 14 1	
25 *Lakhs Loan—*			
Disposal of town sweepings at Deonar		7,84,000 0 0	
19½ *Lakhs Loan—*			
Extra cost of the scheme for the disposal of town sweepings at Deonar		43,433 0 11	
Executed out of savings on different Loans—			
20 additional wagons for the disposal of town sweepings		41,299 8 0	
Executed out of advances from Surplus Balances—			
Construction of Six (6) cutchra wagons		2,662 0 0	
Total for F ...			10,76,198 15 8
G.—Miscellaneous—			
19½ *Lakhs Loan—*			
Purchase of land for the site of the Petit Hall and other charges in connection therewith		1,785 13 10	
Executed out of savings on different Loans—			
Filling in Matarpakhadi Tank at Mount Road	2,607 5 8		
Filling in Gilder Tank	15,488 9 4		
		18,095 15 0	
Advanced from Surplus Balances—			
Filling in the portion of old water course situated at the north corner of the Foras Tank and west of Purbhadevi Night-soil Depôt in DeLisle Road	3,506 5 7		
Filling in the Babula Tank with debris	56,252 7 10		
		59,758 13 5	
Total for G. ...			79,640 10 3
Grand Total Rs. ...			5,67,91,888 7 1

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 10-B.

STATEMENT showing the Invested Balances on 31st March 1910 as compared with those at 31st March 1909.

	On 31st March 1909.	On 31st March 1910.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—SURPLUS FUNDS INVESTMENTS ...	16,26,046 6 11	25,15,756 4 11	8,89,709 14 0	.....
Loan Fund Balances	7,23,372 1 0	31,37,566 6 2	24,14,194 5 2	.....
Rs. ...	23,49,418 7 11	56,53,322 11 1	33,03,904 3 2	.....
B.—SINKING FUND—				
5 per cent. Municipal Loans ...	46,24,532 1 7	50,08,089 4 0	3,83,557 2 5	.....
4 Do. do. 3½ % basis.	36,52,567 9 0	41,05,907 11 6	4,53,340 2 6	.....
4 Do. do. 3 % basis.	67,458 14 9	1,31,602 14 8	64,143 15 11	.....
3½ Do. do. ...	1,86,627 5 10	1,94,036 13 8	7,409 7 10	.....
Rs. ...	85,31,185 15 2	94,39,636 11 10	9,08,450 12 8	.....
C.—SPECIAL FUND—				
Municipal Buildings Fire Insurance Fund	1,15,137 8 2	1,24,993 9 2	9,856 1 0	.....
Worn-out Water Mains Renewal Fund	5,77,155 10 11	5,73,525 15 3	.....	3,629 11 8
Net Premia Fund	37,577 0 6	56,592 15 0	19,015 14 6	.....
Rs. ...	7,29,870 3 7	7,55,112 7 5	28,871 15 6	3,629 11 8
Rs. ...	1,16,10,474 10 8	1,58,48,071 14 4	42,41,226 15 4	3,629 11 8
Contractors, &c., Deposits in Government and other Securities	2,98,400 0 0	2,50,600 0 0	.....	47,800 0 0
TOTAL Rs. ...	1,19,08,874 10 8	1,60,98,671 14 4	42,41,226 15 4	51,429 11 8

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No
WATER WORKS

INCOME FOR 1909-1910.

INCOME.	Amount. Rs. a. p.	Total. Rs. a. p.	GRAND TOTAL. Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue, vide details in Appendix No. 13 (vide page 96)		20,11,789 2 2	
Interest on the Investment on the unexpended balances of the different Water Works Loans		10,039 6 0	20,21,827 8 2
Interest on the Worn-out Water Mains Renewal Fund Investment (vide page 100)		24,804 14 4	
Do. Net Premia Fund Investment Water Works portion (vide page 100)		11,250 15 4	
Interest on the 5 per cent. Municipal Loans Sinking Fund Investments—Water Works portion	99,721 0 0		
Interest on the 4 per cent. Municipal Loans Sinking Fund Investments—Water Works portion	51,388 0 0		
Interest on the 3½ per cent. Municipal Loans Sinking Fund Investments—Water Works portion	199 0 0	* 1,51,008 0 0	
			1,97,863 13 8
		Total Rs.	22,08,891 5 10

* *Vide* note at page 100.

W. E. WAITE,
Chief Accountant.

11.

ACCOUNT.

EXPENDITURE FOR 1909-1910.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of) (*vide* page 97)	38,637 12 4			
Assessment and Collection Charges (proportion of) (*vide* page 97).	63,210 15 10			
Engineer's Establishment (proportion of) (*vide* page 97)	12,668 2 9			
	1,14,516 14 11			
Maintenance of Water Works (*vide* page 99)	2,99,939 7 2			
New Works (*vide* page 101)	34,757 15 9			
Investments—		4,49,214 5 10		
Interest realized on the Worn-out Water Mains Renewal Fund (*vide* page 111)	24,804 14 4			
Interest realized on the Net Promia Fund—Water Works portion (*vide* page 111)	11,250 15 4			
Interest realized on the 5 per cent., 4 per cent., and 3½ per cent. Loans Sinking Fund—Water Works portion (*vide* page 109)	1,51,008 0 0			
		1,87,063 13 8		
			6,36,278 3 6	
Interest on Water Works Loans (Debt)—				
Due to Government—Vehar Debt		93,742 1 1		
Due to the Public—				
Portion of 10 Lakhs for Bhandarwada Water Works of the Loan of R 26,64,000 of 1878	22,503 11 4			
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	80,310 1 10			
Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	11,528 9 7			
Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,246 7 4			
Tansa Water Works Loan of Rs. 14 7lakhs	7,34,575 0 0			
Water Works portion of the Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000)	6,947 0 10			
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	46,039 6 10			
Water Works portion of the 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,762)	1,13,804 14 7			
Water Works portion of the 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	9,624 10 6			
Water Works portion of the 15½ Lakhs Loan for Sewerage, Wari Bander, &c., Works (Rs. 30,000)	1,988 4 7			
Water Works portion of the 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)	9,176 0 3			
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works (Rs. 2,73,000)	10,690 14 6			
12½ Lakhs Loan for certain Water Works (Rs. 12,75,000) ...	51,640 0 0			
		11,02,075 2 2		
Commission to Bank of Bombay for payment of interest on the Water Works portion of the different Loans	4,605 2 4	11,95,817 3 3	(*a*)	
Miscellaneous Loan Charges, including Commission paid to the Bank of Bombay for drawing interest on Sinking Fund Investments	228 10 9	(*a*)4,833 13 1		
			12,00,651 0 4	
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans :—				
Vehar Debt		20,233 14 11		
Portion of the 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,64,000 of 1878		35,820 5 6		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)		9,384 9 11		
Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)		1,952 0 6		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000) ...		806 7 0		
Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000).		1,447 11 6		
Tansa Water Works Loan of Rs. 147 Lakhs		60,717 5 11		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000).		11,469 3 11		
Do. do. 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,762)...		55,145 1 0		
Do. do. 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)		2,924 15 10		
Do. do. 15½ Lakhs Loan for Sewerage, Wari Bander, &c., Works (Rs. 30,000)		21 15 4		
Do. do. 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)...		2,722 13 3		
Do. do. 24¾ Lakhs Loan (Rs. 2,73,000).		3,186 15 9		
Do. do. 12½ Lakhs Loan		24,326 15 9	(*b*) 2,30,160 8 1	
				20,67,989 11 11
Balance—Income in Excess of Expenditure				1,41,801 9 11
TOTAL Rs. ...				22,08,891 5 10

(*a*) *Vide* page 107 (*b*) *Vide* page 109

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Debt due to Government—			
Government of Bombay on account of Vehar Debt (see page 60)		23,32,204 14 4	
Debt due to the Public—			
Portion of 10 lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878	4,14,254 11 1		
Water Works portion of the 44 lakhs Sanitary Works Loan...	16,13,651 4 7		
Water Works portion of the 7 lakhs Sanitary Works Loan	1,90,389 0 0		
Water Works portion of the 12 lakhs Drainage and Water Works Loan	85,000 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	1,35,000 0 0		
Water Works portion of the 35 lakhs Various Sanitary Works Loan...	9,20,000 0 0		
Tansa Water Works Loan of 147 lakhs	1,47,00,000 0 0		
Water Works portion of the 42 lakhs Loan for repayment of the balance of Government Consolidated Loan	28,59,762 0 0		
Water Works portion of the 23¼ lakhs Loan for Drainage and other Works	2,45,500 0 0		
Water Works portion of the 15½ lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works	30,000 0 0		
Water Works portion of the 25 lakhs Loan for Sewerage, Roads and other Works	2,31,297 0 0		
Water Works portion of the 24½ lakhs Loan for certain Sewerage and Water Works	2,73,000 0 0		
12½ Lakhs Loan for certain Water Works...	12,75,000 0 0		
		2,29,72,853 15 8	
			2,53,05,058 14 0
Balance—Assets in Excess of Liabilities ...			88,59,933 11 7
TOTAL Rs. ...			3,41,64,992 9 7

W. E. WAITE,
Chief Accountant.

No. 12.
ACCOUNT.
ASSETS AT 31st MARCH 1910.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Properties—			
Water Works executed out of Loan and Reserve Fund as detailed at pages 86 to 89 (*vide* Appendix No. 10-A).			(a) 2,92,66,349 8 1
II. Investments—			
1. Bank of Bombay, Municipal Loans Sinking Fund Deposit Accounts—			
Rs. a. p.			
5 per cent. Loans 23,11,595 0 0			
4 „ „ „ 13,90,595 0 0			
3½ „ „ 5,821 0 0			
	(b) 37,08,011 0 0		
2. Bank of Bombay Worn-out Water Mains Renewal Fund Deposit Account (*vide* page 77)	5,73,525 15 3		
3. Bank of Bombay Net Premia on different Municipal Loans Deposit Account (*vide* page 77)	50,714 4 2		
		43,32,251 3 5	
4. Loan Funds Investments Deposits (*vide* page 75) ...	7,76,645 9 9		
Less—Value of properties other than Water Works executed out of Loan Funds Advances (*vide* page 88)... ...	2,10,253 11 8		
		5,66,391 14 1	
			46,98,643 1 6
		TOTAL Rs. ...	3,41,64,992 9 7

(a) Exclusive of charges met out of the contribution from the G.I.P. Railway Company for removing and relaying 32" Vehar Main at Coorla. When this work is completed and the difference between the value of the old and new work is ascertained, necessary adjustment for treating the item as "Assets" will be made.

(b) *Vide* page 75.

	Rs. a. p.
* Balance on 1st April 1909	37,577 0 6
Add—Proportionate amount of interest and extra realization on Sinking Funds realized in 1909-10.	11,250 15 4
	48,827 15 10
Add—Proportionate amount transferred to the Fund on account of Discount earned on the investments of different Sinking Fund	5,512 7 8
Balance Rs. ...	54,339 7 6
Add—Water Works portion of the Amount Sanctioned by Corporation Res. No. 6225 of 24-1-10 ...	31,860 5 10
	86,200 13 4
Less—Proportionate Amount withdrawn to meet the discount on the new loan raised during the year and stamp, &c., charges incidental thereto ...	35,486 9 2
Balance on 31st March 1910	50,714 4 2

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Cash Balance (in Bank and Office Treasuries) on 1st April 1909				10,85,658 14 8
GENERAL TAX—				
From the Public		35,85,784 7 10		
„ Government of Bombay		1,37,716 0 0		
„ Port Trust		2,45,583 0 0		
			39,69,083 7 10	
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector (Private Conveyances)	2,10,127 15 4			
Through the Chief Accountant (Public Land Conveyances)	2,71,358 13 4			
		4,81,486 12 8		
TOLLS—(Through Contractor)		20,066 10 8		
			5,01,553 7 4	
TOWN DUTIES (Gross Collections)		29,25,287 4 7		
Less—Refunds		15,01,796 4 0		
			14,23,491 0 7	
LICENSES—				
(a) Taxes on Trades and Professions...		91,184 0 0		
(b) Land Conveyance, Music, &c., Licenses (issued by the Commissioner of Police)—				
(1) Motor Car Licenses	1,316 12 10			
(2) Music Licenses	5,253 13 5			
		6,569 10 3		
			97,753 10 3	
LIQUOR LICENSES—Receipts from Government ...			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs) ...			2,80,613 13 4	
HALALKHOR TAX—				
On value		9,93,463 4 2		
For special services		1,93,882 7 7		
			11,92,345 11 9	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
Water Tax through Assessor and Collector—				
On value ... ... Rs. 9,42,075 10 6				
On meter measurement. „ 9,98,419 4 0				
Compounded Tax ... „ 9,557 0 4				
	19,55,051 14 10			
Water supplied to Municipal Departments ...	71 5 0			
Water charges recovered through Water Engineer	13,003 7 1			
	19,68,126 10 11			
Rent of Water Meters	29,068 0 7			
Miscellaneous	10,914 11 9			
		20,08,709 7 3		
Sale-proceeds of and produce of lands		1,130 6 11		
Rent of land and buildings		1,948 4 0		
			20,11,788 2 2	
MARKET RECEIPTS—				
Stall rents	1,57,054 8 0			
Squatters' fees	44,905 5 0			
Fair Ground and Feeding Fees from Contractors...	71,000 0 0			
Miscellaneous...	21,003 2 0			
		2,93,962 15 0		
Slaughter fees...		1,71,833 15 0		
Rent of land and buildings		1,452 0 0		
Sale-proceeds of and produce of land		9 0 0		
			4,67,257 14 0	
Carried over Rs. ...			1,00,87,637 3 3	10,85,658 14 8

No. 13.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
Standing Committee and Corporation Establishment.		75,625 6 1		
Municipal Commissioner's Personal Office Establishment		65,473 14 11		
General Office Establishment		84,314 0 10		
Accounts and Expenditure Audit Establishment		83,688 12 7		
			* 3,09,102 2 5	
ASSESSMENT AND COLLECTION DEPARTMENT—				
Property and Wheel Tax Establishment	†2,10,703 4 11			
Town Duty Collection	94,155 7 11			
Licensing Establishment	22,410 12 11			
Revenue and Refund Audit Establishment	‡41,710 14 5			
		3,68,980 8 2		
TOLLS COLLECTION—				
Establishment and other charges		479 8 0		
			3,69,460 0 2	
FIRE BRIGADE		1,37,248 3 8		
Add—Interest on the Fire Brigade Loan of 4½ lakhs —Transferred from Interest on Loans, page 107		17,900 0 0		
			(a) 1,55,148 3 8	
MAINTENANCE OF PUBLIC GARDENS—				
(*a*) VICTORIA GARDENS—				
Maintenance		89,053 3 5		
(*b*) ELPHINSTONE CIRCLE GARDEN		1,116 14 9		
(*c*) FALKLAND ROAD GARDEN		292 4 0		
(*d*) NORTHBROOK GARDEN		1,272 1 2		
(*e*) SIR COWASJEE JEHANGIR GARDEN		477 7 5		
(*f*) BAZAAR GATE GARDEN		426 11 3		
(*g*) DICK'S TANK GARDEN		250 11 2		
(*h*) MALABAR HILL GARDEN		512 12 8		
(*i*) ESPLANADE GARDEN		2,252 5 8		
			95,654 7 6	
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION and MISCELLANEOUS DUTIES		§76,009 0 4		
II. MECHANICAL BRANCH—				
For *A*—Workshops—see page 109				
„ *B*—Maintenance of Compressor Station, Colaba (Shone System)	26,226 5 8			
„ *C*—Maintenance of Love Grove Pumping Station	1,13,163 4 8			
„ *D*—Maintenance of Air Compressor Station at Love Grove (Shone System)	76,637 3 5			
„ *E*—Maintenance of Storm Water Sluices	1,971 2 5			
		2,17,998 0 2		
III. SANITARY—Disposal of Town Sweepings		1,23,153 9 1		
IV.—DRAINAGE—				
A. Miscellaneous Drainage	2,29,419 8 9			
B. Maintenance of Sluices	2,934 13 6			
		2,32,354 6 3		
Public Works (Engr.'s Dept.) *contd.* and carried over Rs.		6,49,514 15 10		
Carried over Rs.			9,29,364 13 9	

* Of this, Rs. 38,637-12-4 are charged to Water Works Account.

† Do. Rs. 63,210-15-10 do. do. do.

‡ Includes Rs. 24,759-8-1 on account of Town Duty Refund Establishment.

(a) Or Rs. 1,52,137-10-11 includes the Sinking Fund Instalment of Rs. 6,983-7-3 included in the Sinking Fund payments aggregating Rs. 2,08,459-12-8 shown at page 109

§ Of this Rs. 12,668-2-9 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			1,00,87,637 3 3	10,85,658 14 8
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale-proceeds of Plants, Flowers, &c.		7,830 3 9		
Rent of Chawls from Malees, &c.		129 0 0		
Fees from Elephant rides		965 2 6		
Rebate towards the cost of the Maintenance of the Museum Garden		600 0 0		
Fees for Camel ride		49 10 0		
			2,563 15 6	
TRAMWAY RENT			54,448 8 8	
MISCELLANEOUS FINES AND PENALTIES ...			11,697 1 8	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	21,723 12 2			
Miscellaneous	11,133 5 6			
		32,857 1 8		
On account of Health Department—				
Rent of Chawls, Reclamation Ground, Milch Cattle Stables and Dhobiwada	63,808 2 7			
Sale-proceeds of land and produce of land ...	10,653 6 6			
Sale of Bones, Manure and Cowdung Cakes, &c....	2,785 8 0			
Cleaning Drains	3,144 6 8			
Miscellaneous	13,521 10 11			
		93,912 12 2		
On account of Engineer's Department—				
Cleveland Bunder Fees ... Rs. 1,694 9 3				
Ground-rent for Telephone Lines „ 5,532 11 0				
Other Ground-rent ... ... „ 18,070 6 10				
	25,297 11 1			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	13,932 13 10			
Miscellaneous	12,248 5 2			
		51,478 14 1		
Miscellaneous—				
Sundries		12,479 15 11		
			1,90,728 11 10	
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Buttakee, Notice, &c., Fees		5,434 10 0		
Through Executive Engineer—				
Projecting Verandahs, Balconies, &c.	21,028 4 0			
Opening Roads	4,316 0 0			
Scaffoldings	8,743 2 9			
Occupying Public Roads	2,260 12 0			
Sundries	282 2 0			
		36,630 4 9		
Through Health Officer—				
Digging Graves	3,279 2 0			
Removing Dead Animals	5,226 8 0			
Skinning Dead Animals	56,201 0 0			
Supplying copies of Office Records, &c.	1,092 13 0			
Municipal Laboratory Fees	2,665 8 0			
Fees for vaccine Instruction...	25 0 0			
		68,489 15 0		
Miscellaneous—				
Supplying copies of Office Records, &c., of different Municipal Departments		245 12 0		
			1,10,850 9 9	
Carried over Rs. ...			1,04,64,926 2 8	10,85,658 14 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*cond.* and brought forward Rs...			9,29,364 13 9	
PUBLIC WORKS (Engineer's Department)—*contd.* and brought forward ... ... Rs.		6,49,514 15 10		
V.—WATER WORKS—				
A. Ordinary Branch	2,75,322 2 0			
B. Special Branch	24,617 5 2			
		* 2,99,939 7 2		
VI.—STREETS AND BUILDINGS—				
A. Inspection and Supervision	1,70,397 5 11			
B. Public Lighting	3,72,217 6 6			
C. Road Watering	99,946 0 5			
C. I. Oiling and Tarring Roads (experimental)...	18,727 6 1			
D. Roads, footpaths, &c.	4,68,873 15 7			
E. Improvement of Streets	1,08,458 7 2			
F. Miscellaneous—				
Compensation to Municipal staff employed on extricating bodies of persons overwhelmed in the debris of fallen buildings, &c.	602 12 10			
		12,39,223 6 6		
VII.—Cleaning, Lighting and Repairing Port Trust Wharves Roads		40,183 0 0		
			22,28,860 13 6	
NEW WORKS—				
DRAINAGE—				
Miscellaneous Drainage Works	8,536 8 1			
Constructing a storm water drain in Parel Road with eight half-size water gullies	4,828 8 10			
Connecting Road-watering stand posts and tanks with the Municipal Sewer	358 1 5			
Disconnecting stand pipes for drinking purposes from storm-water drains and connecting them to Municipal Sewers	19 13 10			
Providing a storm water drain with water gullies and water tables at Thakordwar Road at its junction with Girgaum Road, and filling in the old drains in Girgaum Road	3,088 15 7			
Building a slab covered drain with 4 half-size water gullies in Gilder Street	921 10 0			
Constructing relieving arches in the Falkland Road storm-water drains	4,555 3 8			
Constructing a masonry drain with water entrances in Tulsi pipe line road for a length of 200 feet...	1,028 10 5			
Providing storm water drain with water entrances in Foras Road	4,284 4 7			
Paving and making surface drainage connections to connect watering posts and water tanks to Municipal sewers	461 12 5			
Providing quarters for the sluicemen at the New Worli sluices	1,380 12 11			
Constructing a storm-water drain in Chunam Kiln Road	9 11 0			
Constructing channels for draining the leakage along the lower portion of the eastern slopes of the Malabar Hill	212 9 9			
Drainage works necessitated in consequence of enforcement of set-backs	4,262 3 0			
Filling the existing open roadside drain and providing water entrances and water tables in Kalachowki Road between Parel Road and G. I. P. Railway, Chinchpokli Station... ...	2,295 2 1			
Removing 22 old type C. I. water gullies and providing new type ones in their stead at Frere Road	2 4 5			
		36,246 4 0		
New Works—*continued* and carried over... Rs.		36,246 4 0		
Carried over Rs....			31,58,225 11 3	

* Chargeable to Water Works account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			1,04,64,926 2 8	10,85,658 14 8
MISCELLANEOUS SAVINGS			14,521 3 7	
CONTRIBUTION from Municipal Servants towards Pension, &c., Fund			60,392 11 9	
INTEREST on Investments of Surplus Loan and other Balances				
Loan Fund Investments		† 55,613 9 5		
Surplus Fund Investments		80,485 14 4		
			1,36,099 7 9	
PROFIT on Municipal Workshops			Dr. 908 14 8	
SALE-PROCEEDS of Unserviceable Tools, Plant, &c...			7,308 0 4	
ACTUAL Profit on sale of Stores to Contractors ...			1,524 1 6	
INTEREST on the 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments		* 3,71,842 12 8		
INTEREST on Municipal Buildings Fire Insurance Fund Investments	4,856 1 0			
INTEREST on the Investments of the Net Premia Fund ... ... Rs. 2,133 7 4				
Extra realizations of interest on Sinking Funds Investments transferred to the Net Premia Fund 9,117 8 0				
	‡ 11,250 15 4			
INTEREST on the Worn-out Water Mains Renewal Fund Investments	24,804 14 4			
		40,911 14 8	4,12,754 11 4	
INTEREST at 3 per cent. on Corporation lands made over to C. I. Trust...			41,241 0 0	
AMOUNT received from the City Improvement Trust to be transferred to the Net Premia Fund.			76,005 9 6	
				1,12,13,864 1 9
Carried over...Rs.				1,22,99,523 0 5

* Includes Rs. 1,51,006-0-0 received on the Water Works portion of the Sinking Fund.
† Includes Rs. 10,839-6-0 received on the Water Works portion of Loan Fund Investments.
‡ This belongs to the Water Works Account.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			31,58,225 11 3	
NEW WORKS—*continued* and brought forward Rs.		36,246 4 0		
MECHANICAL BRANCH—				
Provision of Babcock and Wilcox chain grate stokers and Babcock and Wilcox superheaters for three boilers at the Air Compressor Station at Love Grove	7,615 0 0			
Conversion of the steam driven air compressor machinery at the Colaba Air Compressor Station into an electrical driven plant	10,460 0 0			
		18,075 0 0		
WATER WORKS—				
Providing 8 public water troughs in different parts of the City	48 7 5			
Laying a new 6" main in Sopariwag Road from the Junction of Parel Government Gate Road with Elphinstone Road	8,826 10 5			
Improvement of the condition of the storage of water at the Malabar Hill Reservoir	8,065 3 8			
Laying a new 5" main in Dadar Kumbharwada Cross Lane	1,612 2 8			
Improvement of the water trough at Argyle Road.	443 6 2			
Laying a 6" service pipe from the 15" main in Elphinstone Road along the Tulsi Pipe line ...	788 1 0			
Laying a new 5" main in Chamarbag Road ...	356 1 6			
Laying additional water mains in Apollo Reclamation	12,064 12 5			
Laying a new 6" main in Matarpakadi and laying a new 12" main along Mazagon Road from Nesbit Lane to Mount Road	2,502 13 11			
Providing storage tanks, &c., for the purpose of improving the water supply to certain fountains.	50 4 7			
		* 34,757 15 9		
STREETS AND BUILDINGS—				
Providing seven street refuges in different parts of the City		264 12 11		
SANITARY AND OTHER MISCELLANEOUS WORKS—				
Paving cab stands	2,412 1 2			
Carrying out certain alterations at the Bombay Electric Supply and Tramway Company's Stable at the junction of Falkland Road and Foras Road now in possession of the Municipality for providing temporary accommodations to the Health Department bullocks	4,707 7 7			
Paving and enclosing dust-bin carts stands ...	2,018 1 3			
Extending Sewri Cemetery	4,027 6 6			
Putting up a circular six seated urinal at the corner of Grant and Upper Duncan Roads ...	620 0 0			
Constructing a boundary wall at Haines Road Cemetery	461 2 7			
Providing water tank, &c., paved space for drinking and washing purposes at the Null Bazar Stable	888 13 10			
Construction of ten seated latrines at Sewree Cross Road	521 15 2			
Construction of certain latrines and urinals at Babulnath Temple...	88 7 8			
Providing a shed for dust-bin-carts near Wellington Fountain	111 1 2			
Constructing 3 new pattern scavengering carts ...	1,500 0 0			
Carrying out certain alterations in the compound of the Arthur Road Hospital	1,308 3 1			
Works and supplies necessary for extension of Municipal Laboratory	881 6 6			
Sanitary and other Miscellaneous Works—*continued* and carried over Rs.	19,541 2 6			
NEW WORKS—*contd.* and carried over Rs....		89,344 0 8		
Carried over Rs. ...			31,58,225 11 3	

* Chargeable to Water Works Account.

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STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs				1,22,99,523 0 5
Carried over...Rs.				1,22,99,523 0 5

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.			31,58,225 11 3	
NEW WORKS—*continued* and brought forward... Rs.		89,344 0 8		
Sanitary and other Miscellaneous Works—*contd.* and brought forward ... ... Rs.	19,541 2 6			
Constructing quarters for two nurses in the compound of the Arthur Road Hospital ...	6,491 6 10			
Removing a public urinal on Chinch Bunder Road, and re-erecting it at the junction of Valpakhadi and Mazagon Roads	4 0 6			
Constructing temporary sheds and 2 stables at Borivli for the accommodation of Bullocks ...	2,500 0 0			
Providing urinal at the junction of Cavel Street and Kalbadevi Road	35 11 11			
Constructing a silchor incinerator for the disposal of refuse in F and G Wards	1,529 9 5			
Removing and reconstructing a portion of the compound wall of the Dharavi Roman Catholic Cemetery	4,299 2 10			
Constructing a shed over the dust-bin cart at Mumbadevi...	794 14 3			
Metalling the compound of the Dadar Stables ...	2,453 15 7			
Constructing hundred huts of corrugated iron sheet roof with bamboo mat walling for the accommodation of Halalcores of the F and G Wards	6 2 1			
		37,656 1 11		
MARKETS—				
Constructing a temporary market at Parbhadevi Road	64 7 1			
Removing the existing birds' shops in the Arthur Crawford Market and reconstructing them on the opposite side	9,721 6 10			
Constructing ten lethal chambers at the Bandra Slaughter Houses...	3,299 4 6			
Reconstructing a chawl at the Bandra Slaughter Houses	6,300 7 8			
Constructing chawls for the butchers of the Commissariat Department at the Bandra Slaughter Houses	395 3 5			
		19,800 13 6		
SANITARY—DISPOSAL OF TOWN SWEEPINGS—				
Construction of a road to the reclaimed land at Deonar		1,638 15 0		
GENERAL STORES—				
Providing and fixing fire extinguishing fittings to the Central Stores Building	127 11 5			
Constructing a Store Room and a spare bath room at the store-keeper's Quarters	1,092 10 10			
Altering store racks and fixing doors	387 4 6			
		1,607 10 9		
MUNICIPAL WORKSHOPS—				
Renewing the roof of the Workshops Buildings.	1,559 3 2			
Purchase of a Radial Drilling Machine ...	3,418 2 0			
		4,977 5 2		
GENERAL SUPERINTENDENCE—				
GENERAL OFFICE ESTABLISHMENT—				
Removing the water tanks from the terrace over the room by the side of the Executive Engineer's Office and refixing them on rolled steel beams...		1,238 9 10		
NEW WORKS—*contd.* and carried over Rs.		1,56,258 8 10		
Carried over Rs. ...			31,58,225 11 3	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.				1,22,99,523 0 5
Carried over Rs.—				1,22,99,523 0 5

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward Rs.			31,58,225 11 3	
NEW WORKS.—*contd.* and brought forward Rs....		1,56,258 8 10		
ASSESSMENT AND COLLECTION DEPARTMENT—				
LICENSING ESTABLISHMENT—				
Enclosing the Eastern verandah and shifting the fan and Lamps		501 5 10		
FIRE BRIGADE—				
Constructing Quarters for the Fire Brigade Engineer at the Sankli Tank Fire Brigade Station	3,805 4 7			
Reconstructing the Bhuleshwar Fire Brigade Station	1,020 1 1			
		4,825 5 8		
PUBLIC GARDENS—				
Laying Water Pipes in the Victoria Gardens ...	103 14 2			
Constructing a stable for the bullocks and carts at the Victoria Gardens	1,674 0 11			
Improvements in the Zoological Portions of the Victoria Gardens	1,049 5 10			
Extending the existing ostrich's house in the Victoria Gardens	482 0 11			
		3,309 5 10		
GENERAL SUPERVISION AND MIS. DUTIES—				
Construction of a floor in the Tower over the Executive Engineer's room for the use of records		1,160 0 11		
			1,66,054 11 1	
PUBLIC HEALTH DEPARTMENT—				
Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay		14,416 4 4		
I. General Supervision		1,37,798 13 7		
II. Conservancy Branch—				
Veterinary Establishment	8,723 9 6			
Other Conservancy Charges	18,01,648 4 5			
		18,10,371 13 11		
III. Markets and Slaughter-houses		1,93,204 12 9		
IV. Registration of Births and Deaths		74,592 5 2		
V. Cemeteries		10,034 12 7		
VI. Laboratory		13,780 13 0		
VII. Mahalaxmi Dhobiwada		16,932 2 7		
VIII. Infectious Diseases		58,585 6 4		
IX. Milch-Cattle Stables and Rooms		7,518 10 10		
X. Tank Conservancy		5,696 10 9		
XI. Rustomji Jamshedji Dharamshala, Falkland Rd.		214 8 1		
XII. Vaccination (Contribution to Government) ...		24,033 12 6		
			23,64,979 15 5	
GENERAL STORES—				
Establishment and Contingencies			30,858 8 3	
EDUCATION—				
Victoria and Albert Museum		15,312 3 15		
Other Institutions		2,77,943 6 10		
			2,93,255 10 9	
HOSPITALS, &c.			4,62,579 0 7	
CONTRIBUTION to the City Improvement Trust ...			7,80,000 0 0	
PENSIONS, &c.			69,817 0 3	
Carried over Rs...			73,24,870 9 7	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward				1,22,99,523 0 5
Carried over...Rs.				1,22,99,523 0 5

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward Rs.			73,24,870 9 7	
MISCELLANEOUS—				
Discretional Contingencies		5,880 5 5		
Auditors' Allowance		10,000 0 0		
Less on account of private works—Irrecoverable bills written off		666 1 11		
Local Allowance		1,13,758 0 2		
Grain compensation to peons &c.		1,56,517 7 5		
Arrears of rent due to Government in respect of the workshops ground at Parton Road... ...		13,296 0 0		
Loss sustained in the sale of General Surplus and Obsolete stores of the different Departments written off		61,555 13 7		
Loss sustained on account of certain unserviceable articles of General Surplus and Obsolete stores written off		1,455 9 1		
Charges in connection with the Corporation's address of Welcome to H. E. the Viceroy on His visit to Bombay		2,044 0 4		
			3,65,173 5 11	
INTEREST ON LOANS		23,68,245 0 1		
Less—Shown under Fire Brigade (page 97)... ...		17,900 0 0		
			* 23,50,345 0 1	
CHARGES ON ACCOUNT OF LOANS	*		† 10,644 0 2	
PLAGUE CHARGES			2,00,915 0 5	1,02,51,948 0 2
PAID OUT OF THE NET PREMIA FUND—				
Printing, advertisements, &c., charges in connection with the 4 per cent. Loan of the 1st instalment of Rs. 15,00,000 of the 30 Lakhs Loan for overbridges raised in 1909-1910	9,453 14 6			
Discount on the above loan raised in 1909-1910...	45,000 0 0			
Printing, stamp &c. charges payable in respect of 4 per cent. Debentures for Rs. 15 Lakhs Loan for Street Improvements raised in 1909-1910...	8,518 15 9			
Discount on the 15 Lakhs Loan for Street Improvements raised in 1909-1910	21,000 0 0			
	83,972 14 3			
Cost of water-marked paper obtained from England for printing Municipal Debentures 680-4-6				
Less—Sale proceeds of water marked paper supplied to the Bank of Bombay ... ...*Cr.* 175-1-5				
	505 3 1			
		84,478 1 4		
Less—				
Premia on the investment of 5 per cent. Loans Sinking Fund	*Cr.* 3,011 14 0			
Premia on the investment of 4 per cent. Loans Sinking Fund	*Cr.* 13,163 6 0			
Premia on the investment of 3½ per cent. Loans Sinking Fund...	*Cr.* 62 3 0			
		Cr. 16,237 7 0		
			68,240 10 4	68,240 10 4
Loan Works (*vide* Appendix No. 9)				21,85,805 10 10
Carried over Rs....				1,25,05,994 5 4

* Includes Rs. 11,95,817-3-3 chargeable to Water Works Account.
† Of this Rs. 4,833-13-1 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ...Rs.				1,22,99,523 0 5
DEBT—				
15 Lakhs Loan for Street Improvements			15,00,000 0 0	
1st Instalment of Rs. 15,00,000 of the 30 Lakhs Loan for the acquisition of sites for various overbridges in the City			15,00,000 0 0	
				30,00,000 0 0
ADVANCES—				
(*a*)—CASH ADVANCES TO MUNICIPAL OFFICERS ...			1,14,079 12 2	
(*b*)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private and Departmental Works) ...		1,78,482 9 1		
Private Works (Engineer's, &c., Department) ...		63,685 7 7		
Departmental Works (do.) ...		2,20,806 8 7		
(*c*)—ADVANCES TO CONTRACTORS			4,62,974 9 3 30,832 6 6	
(*d*)—MISCELLANEOUS			30,495 5 11	
(*e*)—RESERVE STOCK—				
Stock	6,18,542 0 6			
Water Works Imprest	1,444 4 1			
Executive Engineer (General)	33,662 2 3			
Plague Stores (Parel)	92 12 8			
Surplus and Obsolete Stores		6,53,741 3 6 13,376 7 10		
Stock adjustment account		66,213 5 6		
Line suspense account...		1,766 12 0		
Purchases			7,35,097 12 10	
Sales			5,61,595 8 10	
			26,735 11 5	
Carried over Rs....				19,61,811 2 11
				1,72,61,334 3 4

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ... ... Rs.				1,25,05,994 5 4
PAID OUT OF THE WORN OUT WATER MAINS RENEWAL FUND—				
Laying a new 9" main along Mount Road and a 6" main along Ghorupdeo Road to be joined to the 6" main already laid in Albert Road			4,336 14 1	
Replacing 3" Water main in Mazagon Road by a 5" main and extending it to join the 4" main in Wari Bunder Road			2,035 6 10	
Laying water mains in A Ward			3,086 5 1	
6" Water main in Suparibag Road from the junction of Parel Government Gate Road with Elphinstone Road...			8,981 0 9	
Replacing 3" water main in Mugbhat Cross Lane by a 5" Main			924 5 9	
Laying water mains in B Ward			5,075 8 10	
3" Main in Gunpowder Road to be replaced by a 5" main and extended to join the 9" main in Reay Road			1,730 5 8	
Laying a new 6" main in Matarpakhadi and laying a new 12" main along Mazagon Road from Nesbit Lane to Mount Road...			2,264 11 0	
				28,434 10 0
DEBT—				
REPAYMENT—				
Vehar Debt...		20,233 14 11		
Drainage Loan of 1878		94,500 0 0		
			1,14,733 14 11	
INVESTMENT OF SINKING FUND AND OF INTEREST ACCRUED THEREON—				
Sinking Fund Investments		5,36,608 0 0		
Interest Realizations		3,71,842 12 8		
			9,08,450 12 8	
				*10,23,184 11 7
Plague Expenditure Suspense Adjustment Account.				*Cr.* 16,00,000 0 0
ADVANCES—				
(*a*)—CASH ADVANCES TO MUNICIPAL OFFICERS—			1,22,035 7 11	
(*b*)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private and Departmental Works)		1,70,729 8 7		
Private Works (Engineer's and Health Departments)		52,131 13 2		
Departmental Works (Engineer's Department)		1,90,125 5 1		
			4,12,986 10 10	
(*c*)—ADVANCES TO CONTRACTORS			43,307 0 6	
(*d*)—MISCELLANEOUS			40,744 9 6	
(*e*)—RESERVE STOCK—				
Stock	6,18,694 13 1			
Water Works Imprest	456 9 2			
Executive Engineer (General)	35,055 6 8			
		6,54,206 12 11		
Stock Adjustment Account		3,749 9 8		
Line Suspense Account		409 5 5		
Surplus and Obsolete Stores		295 11 0		
			6,58,661 7 0	
Purchases			6,05,606 14 6	
Sales			29,112 0 2	
				19,12,454 2 5
Carried over Rs...				1,38,70,067 13 4

* Of this, Rs. 2,30,160-8-1 on account of repayment and Rs. 1,51,008 on account of Investment of the Interest realized on the Water Works portion of the 5, 4 and 3½ per cent. Loans Sinking Fund are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward.Rs.				1,72,61,334 3 4
DEPOSITS—				
(*a*)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS &c., PAPER DEPOSIT			1,07,100 0 0	
(*b*)—SURPLUS FUND INVESTMENTS—				
Paper Deposit		6,83,690 11 0		
Cash Deposit		22,307 8 0		
Current Account Deposit		11,91,140 3 1		
Fixed Deposit		23,38,000 0 0		
			42,35,138 6 1	
(*c*)—LOAN FUNDS—				
Paper Deposit		2,70,500 0 0		
Cash Deposit		3,495 8 0		
Current Account Deposit		16,67,000 0 0		
Fixed Deposit		20,12,000 0 0		
			39,52,995 8 0	
(*d*)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund—				
Cash Deposit		5,237 8 0		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	28,000 0 0			
Cash Deposit	24,523 2 8			
		52,523 2 8		
3—Net Premia, &c., Fund—				
Paper Deposit	8,556 4 0			
Cash Deposit	1,03,896 11 5			
		1,12,452 15 5		
			1,70,213 10 1	
Bank of Bombay on account of Contractors' Securities held under objection			6,300 0 0	
Deposits—carried over ...			84,71,747 8 2	
Carried over Rs. ...				1,72,61,334 3 4

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1910—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward Rs.				1,38,70,067 13 4
DEPOSITS—				
(*a*)—Bank of Bombay on account of Contractors, &c., Paper Deposit			59,300 0 0	
(*b*)—Surplus Fund Investments—				
Paper Deposit		36,556 4 0		
Cash Deposit		22,307 8 0		
Current Account Deposit		11,52,984 8 1		
Fixed Deposit		39,13,000 0 0		
			51,24,848 4 1	
(*c*)—Loan Funds—				
Paper Deposit		8,00,000 0 0		
Cash Deposit		3,495 8 0		
Current Account Deposit		13,76,694 5 2		
Fixed Deposit		41,87,000 0 0		
			63,67,189 13 2	
(*d*)—Reserve Funds—				
1—Municipal Buildings Fire Insurance Fund—				
Paper Deposit	10,219 6 0			
Cash Deposit	4,874 3 0			
		(*a*) 15,093 9 0		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	24,041 14 0			
Cash Deposit	24,851 9 0			
		(*b*) 48,893 7 0		
3—Net premia, &c., Fund—				
Paper Deposit	27,666 14 0			
Cash Deposit	1,03,801 15 11			
		(*c*) 1,31,468 13 11		
			1,95,455 13 11	
Bank of Bombay on account of Contractors' Securities held under objection			7,900 0 0	
Deposits—carried over Rs. ...			1,17,54,693 15 2	
Carried over Rs. ...				1,38,70,067 13 4

	Rs. a. p.	Rs. a. p.
(*a*)—Total Debits	15,093 9 0	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased	5,237 8 0	
Net payment during the year ...		9,856 1 0
(*b*)—Total Debits	48,893 7 0	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased, &c., (Rs. 52,623-2-8—Rs. 28,434-10-0 as per page 109)...	24,088 8 8	
Net payment during the year ...		24,804 14 4
(*c*)—Total Debits	1,31,468 13 11	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased, &c., (Rs. 1,12,452-15-5—Rs. 68,240-10-4 as per page 107)	44,212 5 1	
Net payment during the year ...		†87,256 8 10
Total ... Rs.		1,21,917 8 2

† Of this, Rs. 11,256-15-4 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31ST

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward ...				1,72,61,334 3 4
DEPOSITS—*contd.* and brought forward			84,71,747 8 2	
Deposits from Contractors, &c.—				
In Cash— Rs. a. p.				
(*a*) From Contractors ... 3,08,886 2 6				
(*b*) ,, Private parties received through Departmental Officers 65,155 4 5				
(*c*) Other Deposits 1,70,430 13 10				
	5,44,472 4 9			
In Government Paper kept in Office	89,000 0 0			
In Government Paper lodged at the Bank of Bombay	59,300 0 0			
On account of work performed for private parties	13,119 1 9			
		7,05,891 6 6		
Government of Bombay on account of Income Tax		24,251 1 11		
Profit on Sale of Stores	2,225 3 3			
Miscellaneous Receipts Stores Department—Supervision Charges on Stores sold	194 2 1			
		2,419 5 4		
Court Attachments		3,373 11 9		
Interest realized on Government, &c., paper lodged by the Municipal Employés, Contractors, &c.		2,053 0 2		
(Government of Bombay) Land conveyance Licenses, &c.—				
Through Chief Accountant on account of License Fees, Badges, &c.		19,417 0 0		
Securities of Municipal Employes and Contractors returned by the Bank of Bombay for payment (kept in office)	6,300 0 0			
Paper Deposits from Municipal Employes and Contractors pending submission to the Bank of Bombay (kept in office)...	23,200 0 0			
Contractors securities held under objection ...	4,000 0 0			
		33,500 0 0		
			7,90,905 9 8	
Bombay Improvement Trust for land transferred.			10,710 0 0	
Cheques Payable			2,13,76,822 14 11	
Payment made by the City Improvement Trust on account of its obligations under section 79 (3) b I and III of the City Improvement Act. ...			16,76,006 9 6	3,23,26,191 10 3
			Total Rs. ...	4,95,87,525 13 7

W. E. WAITE,
Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1910—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward ...				1,38,70,067 13 4
DEPOSITS—*contd.* and brought forward			1,17,54,693 15 2	
Deposits from Contractors, &c.—				
In Cash— Rs. a. p.				
(a) From Contractors ... 2,06,811 7 0				
(b) „ private parties received through Departmental Officers ... 60,217 7 5				
(c) Other Deposits ... 1,79,890 8 1	4,46,919 6 6			
In Government Paper kept in Office	85,700 0 0			
Ditto lodged with the Bank of Bombay	1,07,100 0 0			
On account of work performed for private parties	23,812 13 11	6,63,532 4 5		
Government of Bombay on account of Income Tax		25,159 15 1		
Profit on Sale of Stores	929 12 7			
Miscellaneous Receipts, Stores Department—Supervision Charges on Stores sold	132 7 3	1,062 3 10		
Court Attachments		3,762 5 8		
Interest realized on Government, &c., Paper lodged by the Municipal Employés, Contractors, &c. ...		2,079 4 6		
(Government of Bombay) Land conveyance Licenses &c.—				
Through Chief Accountant on account of License Fees, Badges, &c.		19,417 0 0		
Securities of Municipal Employes and Contractors returned by the Bank of Bombay for payment (kept in office)	6,300 0 0			
Paper Deposits from Municipal Employes and Contractors pending submission to the Bank of Bombay (kept in office)	12,700 0 0			
Contractors securities held under objection ...	4,000 0 0	23,000 0 0		
			7,38,013 1 6	
Book value of Municipal land at Agripada, &c. transferred to the Improvement Trust... ...			10,710 0 0	
Cheques Payable			2,13,76,160 5 0	
Payment made by the City Improvement Trust on account of its obligations under section 79 (3) b I and III of the City Improvement Act...			16,76,005 9 6	
				3,55,55,582 15 2
				4,94,25,650 12 6
Cash Balance (in Bank and Office Treasuries) on 31st March 1910				1,61,875 1 1
			Total Rs. ...	4,95,87,525 13 7

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the party.	Locality.	Actual area acquired.	As originally proposed	
			Rate per square yard.	Compensation for Land.
			Rs a. p.	Rs. a. p
Mr. Abedalli Nurudin	Sarang Street	24·42	25 0 0	610 8 0
„ Damodhar Rowjee	Tava Lane	29·99	30 0 0	899 11 2
Messrs. Nazmudin Abdeally, Khurban Hoosain Abdeally, Mahomedally Abdeally, Hoseinally Abdeally and Baiboo, widow of Abdeally Camroodin.	2nd Agiary Lane	20·09	25 0 0	502 4 0
Messrs. Tribhowandas Mangaldas Nathubhoy and Rao Bahadur Vassanji Khimjee.	Kalbadevi Road	66·37	80 0 0	5,309 9 7
Gowswami Shri Damoder Lalji Maharaj and Mr. Tribhowandas Varjiwandas Trustees.	Girgaum Road	28·18	40 0 0	1,127 3 2
Mr. Kanji Kallianjee	Tandel Street	32·62	20 0 0	652 6 5
„ Dadabhai Dajibhai Baria	At the Junction of Abdul Rehman Street and Kolsa Lane.	79·90	125 0 0	9,987 8 0
Messrs. Nanabhoy Beznaji Choksy and Ruttonji Dossabhai Choksy.	At the Junction of Shaik Meman Street and Agiary Lane.	187·94	75 0 0	14,095 8 0
Bibi Rukhia Sultan M. Mirza	At the Junction of Banian Street and Ali Umar Street.	9·37	20 0 0	187 6 5
Mr. Nanabhai Burjorjee, one of the executors, of the late Bai Phirozbai, daughter of Sir Jamsetjee Jijibhoy 1st Baronet.	Hornby Road	7·50	60 0 0	450 0 0
„ Abdul Kadar Khat Khati, the Superintendent of Juma Masjid ...	Chakla Street	11·56	100 0 0	1,156 0 0
„ Salley Mahomed Dharamsi	Parel Road at the Corner of Parel Road and Babula Tank Road.	91·03	50 0 0	4,551 8 0
„ Haji Ahmed Haji Hassam	Abdul Rehman Street	27·14	170 0 0	4,612 12 10
„ Awadbin Umar Sultan Nawazjang...	Kika Street	25·83	50 0 0	1,291 8 0
„ Awadbin Umar Sultan Nawazjang...	At the Junction of Chakla and Janjikar Street.	63·97	100 0 0	6,397 0 0
„ Dharamdas Atmaram	At the Junction of Khetwadi Main Road and Kawaji Patel Tank Road.	21·27	30 0 0	638 1 7
H. H. Awadbin Umar Sultan Nawazjang Bahadur.	Nagdevi Street	24·14	50 0 0	1,207 0 0
Mr. Walji Hira	Memonwada Street	12·95	30 0 0	389 8 0
„ Purshotam Ruttonsey	Modi Street...	25·67	30 0 0	770 1 7
„ Haji Ahmed Haji Hassam Dodd ...	At the Junction of Jambli and Janjikar Street.	47·48	40 0 0	1,899 3 2
	Carried over ...	837·42	.....	56,734 11 11

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1909-10.

AND SANCTIONED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
.....	610 8 0	75 0 0	1,831 8 0	.....	1,831 8 0	
.....	899 11 2	100 0 0	2,999 0 0	* 312 8 10	3,311 8 10	* Interest @ 6 % per annum, from 2-7-04 to 6-4-09.
.....	502 4 0	60 0 0	1,205 6 5	.....	1,205 6 5	
.....	5,309 9 7	200 0 0	13,274 0 0	* 950 13 3	14,224 13 3	* Interest @ 6 % per annum, from 12-1-08 to 1-4-09.
.....	1,127 3 2	50 0 0	1,409 0 0	.....	1,409 0 0	
1,359 0 0	2,011 6 5	50 0 0	1,631 0 0	1,359 0 0	2,990 0 0	
2,800 0 0	12,787 8 0	450 0 0	35,955 0 0	2,800 0 0	38,755 0 0	
2,124 0 0	16,219 8 0	650 0 0	1,22,161 0 0	2,124 0 0	1,24,285 0 0	
1,985 0 0	2,172 6 5	100 0 0	937 0 0	1,985 0 0 * 215 2 11 † 67 2 6	3,204 5 5	* Interest @ 6 % per annum, from 4-2-08 to 2-9-09. † Half the Court cost.
232 0 3	682 0 3	80 0 0	600 0 0	232 0 3	832 0 3	
.....	1,156 0 0	160 0 0	1,849 9 7	.....	1,849 9 7	
.....	4,551 8 0	85 0 0	7,737 8 10	* 503 10 6	8,241 3 4	* Interest @ 6 % per annum, from 17-10-07 to 26-7-09.
1,690 0 0	6,303 12 10	360 0 0	9,770 6 5	1,690 0 0 * 832 1 11 † 67 2 6	12,359 10 10	* Interest @ 6 % per annum, from 7-1-08 to 3-5-09. † Half the Court cost.
1,325 0 0	2,016 8 0	188 0 0	4,856 0 8	1,325 0 0	6,181 0 8	
1,762 0 0	8,159 0 0	250 0 0	15,992 8 0	2,117 0 0 *1,439 11 8	19,549 3 8	* Interest at 6 % per annum, from 3-5-08 to 15-11-09.
.....	638 1 7	80 0 0	1,701 9 7	.....	1,701 9 7	
337 0 0	1,544 0 0	60 0 0	1,448 6 5	337 0 0	1,785 6 5	
452 0 0	840 8 0	120 0 0	1,554 0 0	452 0 0 *119 13 3	2,125 13 3	* Interest @ 6 % per annum, from 9-12-08 to 9-12-09.
1,230 0 0	2,000 1 7	35 9 0	898 7 2	2,010 0 0	2,908 7 2	
2,760 0 0	4,659 3 2	225 0 0	10,683 0 0	2,760 0 0 * 976 9 11 † 67 2 6	14,486 12 5	* Interest @ 6 % per annum, from 13-7-08 to 27-9-09. † Half the Court cost.
18,056 0 3	74,790 12 2		2,38,494 7 1	24,743 0 0	2,63,237 7 1	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates originally 1909-10.

Name of the Party.	Locality.	Actual area acquired.	AS ORIGINALLY PROPOSED	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
	Brought forward ...	837·42		56,734 11 11
Messrs. Edaljee Cawarjee Sethna, Rustamjee Coowarjee Sethna, Pestonji Coowarji Sethna, and Burjorjee Coowarjee Sethna.	Girgaum Road	13·07	40 0 0	522 12 10
Mr. Sorabjee Bomanjee Kapadia... ...	Ballaram Street	92·45	20 0 0	1,849 0 0
,, Adamalli Mulla Haideralli	Duncan Road, Cross Street	12·64	20 0 0	252 12 10
Messrs. Sadashiv Ramchandra Jayaker, Shamrao Sadashiv, for self and guardian of minor son of Harischandra Sadashiv deceased and Vasantrao Sadashiv also a minor.	Soparibag Road	300·22	8 0 0	2,401 12 2
Mr. Waljee Soonderjee	Cavel Street	494·33	25 0 0	12,373 4 0
,, Khoja Mahomedbhoy Mooraj ...	Umarkhady Street	8·53	20 0 0	170 9 7
Messrs. Mohanlal Punjabhoy and Hirachand Vasanji.	Borah Bazar Street	12·15	30 0 0	364 8 0
Mr. Mahomed Hoosein Laroo	Umarkhady Road	36·48	15 0 0	547 3 2
,, Dosabhai Dadabhoy Allikes, Attorney of Mr. Pestonjee Dinshawji Khan.	Samuel Street	25·04	100 0 0	2,504 0 0
,, Haji Hassam Haji Abdulla Nurani...	Nagdevi Street	5·76	40 0 0	230 6 5
H. H. Awadhin Umar Sultan Nawazjang.	At the Junction of Janjikar and Chakla Street.	23·72	100 0 0	2,372 0 0
Mr. Haji Hassam Haji Ahmed Dada ...	Memonwada Road and Nagdevi Cross Lane.	106·87	45 0 0	4,809 2 5
Messrs. Ayab Dada and Hassam Dada ...	Tava Lane	22·07	45 0 0	993 2 5
Mr. Kanji Koshawji	Duncan Road	10·53	20 0 0	210 9 7
,, Narotam Morarji Goculdas	Cavel Street	17	25 0 0	425 0 0
,, Haji Mahomed Cassam Moorad, the sole surveying executor of Haji Iasuf Mahomed Sulleman.	At the Junction of Dhobi and Chakla Street.	6·62	100 0 0	662 0 0
Bai Rambai, widow of Goculdas Karamsey.	At the Junction of Mumbadevi Road and Dhanji Street.	70·33	250 0 0	17,582 8 0
Messrs. Musa Haji Hassum and Mahomed Haji Hassam.	Chunam Kiln Cross Street	82·68	30 0 0	2,480 6 5
Messrs. Talaksi Dhanji, Damji Natha, Koshowji Bhagwanji, and Kalianji Gulabchand, Trustees.	Kandewady Street...	59·13	20 0 0	1,182 9 7
Mr. Puranmal Gulji Singhani	Kalbadevi Road	51·78	150 0 0	7,767 0 0
,, Hussanalli Abdoolally	At the Junction of Bora Bazar and Police Court Lane.	136·57	40 0 0	5,462 12 10
	Carried over ...	2425·99		1,21,898 4 2

No. 14.

sanctioned and at rates which were subsequently increased and on which payments were finally made during —*continued.*

AND SANCTIONED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
18,056 0 3	74,790 12 2		2,38,494 7 1	24,743 0 0	2,63,237 7 1	
377 0 0	899 12 10	90 0 0	1,176 4 10	377 0 0 * 132 11 11	1,686 0 9	* Interest @ 6 °/₀ per annum, from 7-3-08 to 9-8-09.
414 0 0	2,263 0 0	38 0 0	3,513 1 7	526 0 0 * 526 6 5	4,565 8 0	* Interest @ 6 °/₀ per annum, from 19-2-07 to 22-4-09.
412 0 0	664 12 10	40 0 0	505 9 7	412 0 0	917 9 7	
746 13 0	3,148 9 2	15 0 0	4,503 4 10	746 13 0 * 423 10 9	5,673 12 7	* Interest @ 6 °/₀ per annum, from 30-1-07 to 2-4-09.
436 0 0	12,909 4 0	65 0 0	32,170 7 2	436 0 0 * 2,837 3 7	35,443 10 9	* Interest @ 6 °/₀ per annum, from 17-4-07 to 30-9-08.
.....	170 9 7	50 0 0	426 8 0	.....	426 8 0	
643 0 0	1,007 8 0	50 0 0	607 8 0	643 0 0	1,250 8 0	
.....	547 3 2	50 0 0	1,824 0 0	.....	1,824 0 0	
5,912 0 0	8,416 0 0	150 0 0	3,756 0 0	5,912 0 0	9,668 0 0	
.....	230 6 5	50 0 0	288 0 0	.....	288 0 0	
324 0 0	2,696 0 0	250 0 0	5,930 0 0	324 0 0 * 394 12 4	6,648 12 4	* Interest @ 6 °/₀ per annum, from 9-2-09 to 28-2-10.
4,326 0 0	9,135 2 5	193 0 0	20,625 14 7	4,326 0 0 * 1,701 14 9	26,653 13 4	* Interest @ 6 °/₀ per annum, from 12-2-08 to 2-4-09.
52 0 0	1,045 2 5	125 0 0	2,758 12 0	150 0 0	2,908 12 0	
700 0 0	910 9 7	50 0 0	526 8 0	700 0 0	1,226 8 0	
.....	425 0 0	60 0 0	1,020 0 0	.....	1,020 0 0	
.....	662 0 0	265 0 0	1,754 4 10	.....	1,754 4 10	
.....	17,582 8 0	450 0 0	31,648 8 0	* 2,939 2 4	34,587 10 4	* Interest @ 6 °/₀ per annum, from 8-10-07 to 26-4-09.
.....	2,480 6 5	45 0 0	3,720 9 7	.....	3,720 9 7	
.....	1,182 9 7	35 0 0	2,069 8 10	.....	2,069 8 10	
.....	7,767 0 0	225 0 0	11,650 8 0	.....	11,650 8 0	
3,725 0 0	9,187 12 10	90 0 0	12,291 4 10	3,725 0 0 * 1,120 9 9 † 67 2 6	17,204 1 1	* Interest @ 6 °/₀ per annum, from 23-6-08 to 23-8-09. † Half the Court cost.
36,123 13 3	1,58,022 1 5		3,81,261 1 9	53,164 7 4	4,34,425 9 1	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the Party.	Locality.	Actual area acquired.	As originally proposed	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
	Brought forward ...	2425·99		1,21,898 4 2
Messrs. Mia Mahomed Haji Jan Mahomed and Mia Ahmed Haji Jan Mahomed Chottani.	Fergusson Road	242·22	3 0 0	726 10 6
Bai Coowarbai, widow of Ardeshir Edalji Chinoy, Messrs. Jamshedjee Ardeshir Chinoy, Kaikhushru Ardeshir Chinoy, Cawasjee Ardeshir Chinoy, Phirozshah Ardeshir Chinoy and Bapuji Ardeshir Chinoy.	Wodehouse Road	102·88	20 0 0	2,057 9 7
Messrs. Morar Damodher, Purshotam Morar and Jagjiwan Morar (the last being a minor).	Abdul Rehman Street	37·56	150 0 0	5,634 0 0
Bai Bachoobai, widow of Soonderji Narayon.	Thakordwar Road....	27	30 0 0	810 0 0
Mr. Jiwanlal Panalal	Parsi Bazar Street...	46·72	50 0 0	2,336 0 0
„ Ramsamal Harmukhrai	3rd Agiary Lane	4·78	50 0 0	239 0 0
„ Pallonjee Dadabhoy Chowna ...	Colaba and Wodehouse Roads	196·94	20 0 0	3,938 12 10
„ Joosub Issa	Nisanpada Road	13·08	40 0 0	523 3 2
„ Joosub Issa	Tantanpura Street...	15	40 0 0	600 0 0
„ Hazrambhoy Mowjee	Jail Road East	19·02	20 0 0	380 6 5
„ Framjee Dorabjee Panday	Gowalia Tank Road	53·96	15 0 0	809 6 5
Messrs. Ahmed Dowjee, Ismail Dowjee Rahimtoola Dewjee, and Kassam Dowjee.	Chakla Street	27·79	100 0 0	2,779 0 0
Messrs. Harakchand Kapurchand and Jaichand Kapurchand.	Do.	12·44	100 0 0	1,244 0 0
Mr. Haji Yoosuf Haji Ismail Sobani ...	Jakeria Masjid Street	9·28	30 0 0	278 6 5
Bai Jatubai widow of Hemraj Lakhoo ...	Banian Street	6·21	30 0 0	186 4 10
Bai Bachoobai Hormusji B. Gazdar ...	Dalal Street	113·10	80 0 0	9,048 0 0
Messrs. Khanderrao Ramchandra, Chandrabhayd Ramkrisha and Shantaram Bhawanishanker. ...	Babula Tank Road	639·74	40 0 0	25,589 9 7
Messrs. D. R. Wadia and F. R. Wadia ...	Homji Street	10·14	50 0 0	507 0 0
„ Prangovind Shivprasad, Ruttonsi Premji, and Morarjee Kanji, the Surviving Trustees of Kanji Khetsey.	Mughbhat Street	39·52	20 0 0	790 6 5
Bai Sonabai Manockjee Butcher ...	Gowalia Tank Road	65·60	15 0 0	984 0 0
	Carried over ...	4108·97		1,81,360 0 4

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1909-10—*continued*.

AND SANCTIONED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
36,123 13 3	1,59,022 1 5		3,81,261 1 9	53,164 7 4	4,34,425 9 1	
.....	726 10 6	7 0 0	1,695 8 8	.....	1,695 8 8	
1,666 0 0	3,723 9 7	50 0 0	5,144 0 0	1,666 0 0 * 273 10 8	7,083 10 8	* Interest @ 6 °/₀ per annum, from 8-4-09 to 9-12-09.
1,500 0 0	7,134 0 0	300 0 0	11,268 0 0	1,500 0 0 * 967 2 1 † 67 2 6	13,802 4 7	* Interest @ 6 °/₀ per annum, from 22-5-08 to 26-8-09. † Half the Court cost.
.....	810 0 0	35 0 0	945 0 0	* 86 5 10 † 46 3 6	1,077 9 4	* Interest @ 6 °/₀ per annum, from 30-1-08 to 9-8-09. † Half the Court cost.
.....	2,336 0 0	170 0 0	7,942 6 5	* 703 10 10 † 67 2 6	8,713 3 9	* Interest @ 6 °/₀ per annum, from 18-3-09 to 7-10-09. † Half the Court cost.
.....	239 0 0	200 0 0	956 0 0	.....	956 0 0	
2,553 0 0	6,491 12 10	45 0 0	8,862 4 10	2,553 0 0 * 634 14 8	12,100 3 6	* Interest @ 6 °/₀ per annum, from 2-4-08 to 1-4-09.
.....	523 3 2	30 0 0	1,046 6 5	.....	1,046 6 5	
468 0 0	1,068 0 0	60 0 0	1,200 0 0	468 0 0	1,668 0 0	
.....	380 6 5	50 0 0	951 0 0	.....	951 0 0	
3,300 0 0	4,109 6 5	25 0 0	1,340 0 0	3,300 0 0	4,640 0 0	
.....	2,779 0 0	160 0 0	4,446 6 5	.....	4,446 6 5	
.....	1,244 0 0	300 0 0	2,488 0 0	* 169 4 2 † 67 2 6	2,714 6 8	* Interest at 6 °/₀ per annum, from 1-6-08 to 22-11-09. † Half the Court cost.
.....	278 6 5	160 0 0	556 12 10	.....	556 12 10	
906 0 0	1,092 4 10	60 0 0	372 9 7	906 0 0 * 74 9 2	1,353 2 9	* Interest @ 6 °/₀ per annum, from 7-10-08 to 27-9-09.
3,520 0 0	12,568 0 0	110 0 0	12,441 0 0	3,520 0 0 * 466 10 8	16,427 10 3	* Interest @ 6 °/₀ per annum, from 13-4-09 to to 7-10-09.
2,990 0 0	28,579 9 7	65 0 0	41,583 1 7	2,990 0 0 *2,762 4 11	47,335 6 6	* Interest at 6 °/₀ per annum, from 5-8-08 to 16-8-09.
.....	507 0 0	60 0 0	608 6 5	.....	608 6 5	
.....	790 6 5	30 0 0	1,185 9 7	.....	1,185 9 7	
126 0 0	1,120 0 0	25 0 0	1,640 0 0	136 0 0	1,776 0 0	
53,162 13 3	2,34,522 13 7		4,87,942 10 6	76,629 10 11	5,64,572 5 5	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made during

Name of the Party.	Locality.	Actual area acquired.	As originally proposed	
			Rate per square yard.	Compensation for Land.
	Brought forward ...	4103·07		1,81,360 0 4
Bai Jalikabai, wife of Haji Umar Haji Alli.	At the Junction of Khetwadi Main Road and Islampura Street.	57·89	30 0 0	1,736 11 2
Mr. Phirozsha Pestonji Mistri	Khetwadi 9th Street	14·86	20 0 0	297 3 2
,, Framji Byramji Binoy	Pitha Street	19·49	30 0 0	584 11 2
,, Mahomed Esmail bin Mahomed Abdulla Bhaiji and his wife Fatehbibi.	At the Junction of Jakeria Masjid Street and Chinch Bunder Road.	52·60	50 0 0	2,630 0 0
Mr. Mahipatram Tuljaram	Borebhat Lane	38·88	20 0 0	777 9 7
,, Hussanalli Sullemanjee	At the Junction of Memonwada Road and Bibi Jan Street.	28·08	100 0 0	2,808 0 0
,, Ganoba Bhagoojee	At the Junction of Kamatipura Bazar Road and 15th Street.	25·60	20 0 0	512 0 0
,, Bapoojee Doombhai Patel	Gowalia Tank Road.	96·29	14 0 0	1,348 0 11
Messrs. Vithal Dinanath and Krishnarao Dinanath and widow of Vishwanath Dinanath.	Fanaswadi Street	28·96	20 0 0.	577 3 2
Mr. Hormusjee Cawasjee Bhedwar ...	Forjet Street	285·11	15 0 0	4,276 10 5
,, Nazarwanjee Dorabjee	Girgam Road	4·94	40 0 0	197 9 7
,, Nathalal Bhugwandas	At the Junction of Khetwadi Main Road and 1st Carpenter Street.	14·74	40 0 0	589 9 7
Grand Total ...		4776·31	.....	1,97,695 5 1

						Rs.	a.	p.	
Average rate per 1 square yard for compensation of land as originally sanctioned						41·39	or 41	6	3
Do.	do.	do.	do.	do.	as subsequently	do.	107·31	„ 107	5	0
Do.	do.	do.	do.	structure as originally		do.	14·79	„ 14	12	8
Do.	do.	do.	do.	do.	as subsequently	do.	19·77	„ 19	12	4
Do.	do.	do.	do.	for total amount as originally		do.	56·18	„ 56	2	11
Do.	do.	do.	do.	do.	subsequently	do.	127·08	„ 127	1	4 or 126¼ % increase in the rate per square yard.

W. E. WAITE,
Chief Accountant.

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originally sanctioned, and at rates which were subsequently increased and on which payments were 1909-10—*concluded*.

AND SANCTIONED		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
53,162 13 3	2,34,522 13 7		4,87,942 10 6	76,629 10 11	5,64,572 5 5	
5,193 0 0	6,929 11 2	60 0 0	3,473 6 5	5,193 0 0	8,866 6 5	
.....	297 3 2	30 0 0	445 12 10	86 0 0	531 12 10	
.....	584 11 2	40 0 0	779 9 7	64 0 0	843 9 7	
.....	2,630 0 0	70 0 0	3,682 0 0	.....	3,682 0 0	
1,570 0 0	2,317 9 7	30 0 0	1,166 6 5	1,570 0 0	2,736 6 5	
332 0 0	3,140 0 0	150 0 0	4,212 0 0	450 0 0	4,662 0 0	
171 0 0	683 0 0	35 0 0	896 0 0	175 0 0 * 85 0 0	1,152 0 0	* Interest @ 6 % per annum, from 25-11-08 to 3-4-10.
914 0 0	2,262 0 11	25 0 0	2,407 4 0	914 0 0	3,321 4 0	
969 0 0	1,546 3 2	25 0 0	721 8 0	969 0 0	1,690 8 0	
3,314 0 0	12,590 10 5	20 0 0	5,702 3 2	3,314 0 0	14,016 3 2	
.....	197 9 7	50 0 0	247 0 0	.....	247 0 0	
.....	589 9 7	60 0 0	884 6 5	.....	884 6 5	
70,625 13 3	2,68,321 2 4	.....	5,12,560 3 4	94,445 10 11	6,07,005 14 3	

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

Income of the Bombay Municipality from the year 1865

Year.	Taxation Proper. Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Liquor Licenses.	Tobacco licenses.		Contribution from Insurance Companies or Fire Tax.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
1865	1,20,14,655	10,57,370	.....	.....	2,32,698	2,023	5,01,733	1,45,873	.....	.....	.....
1866	1,48,94,893	7,16,491	2,93,683	98,417	3,13,330	2,72,065	5,132	46,621	1,20,390	.....	.....
1867	1,63,09,535	9,81,068	4,11,010	1,32,849	2,38,178	2,05,136	...	1,01,803	1,18,426	.....	.....
1868	1,47,49,075	9,29,562	3,75,607	2,46,071	2,68,514	2,08,899	...	1,20,566	1,36,762	.....	.....
1869	1,39,41,260	7,99,300	2,59,382	2,48,408	2,37,574	1,50,331	3,03,298	2,49,077	1,54,178	.....	.....
1870	1,36,20,485	7,22,783	2,37,643	2,46,994	2,50,581	28,147	5,91,989	1,23,692	1,39 830	.....	.....
1871	1,34,26,815	6,25,489	2,30,409	2,30,256	2,05,321	7,655	4,51,486	1,15,170	1,23,016	.....	.....
1872	1,29,33,510	7,00,955	2,41,574	2,41,348	2,01,007	1,862	4,67,638	59,914	1,17,654	.....	.....
1873	1,25,71,816	7,01,013	2,37,281	2,37,030	2,16,935	87	4,16,524	2,29,074	1,48,192	.....	.....
1874	1,19,65,360	5,91,814	2,23,102	2,27,525	2,48,217	3,108	4,85,649	1,24,507	1,47,779	.....	16,319
1875	1,15,55,066	5,52,338	2,20,569	2,16,632	2,45,274	291	6,72,987	1,58,980	1,45,955	.....	14,355
1876	1,12,75,710	5,13,458	2,17,681	2,13,004	2,38,487	2,113	6,36,147	1,41,725	1,48,336	.....	13,922
1877	1,14,77,600	5,67,511	2,20,031	2,14,620	2,14,309	1,918	7,51,019	85,697	1,19,562	.....	19,161
		Consolidated Rate.									
1878	1,15,37,118	.....	2,25,034	.....	2,11,509	...	6,95,009	1,00,565	1,52,229	.....	22,573
1879	1,14,93,117	.....	10,52,773	.....	2,25,569	3,563	5,33,617	1,43,750	1 65,029	.....	20,761
1880	1,17,82,325	.....	8,95,634	.....	2,31,925	845	6,37,784	1,43,750	1,61,127	.....	23,911
1881	1,17,14,470	@ 8 %	10,15,810	.....	2,31,865	1,502	6,37,182	1,43,750	1,61,625	.....	24,030
1881-83	1,25,80,263				For 15 months (i.e., from 1st January 1882 to 31st March 1883, the calendar						
.....	.....	.....	12,21,975	.....	4,12,627	.....	8,17,199	1,43,750	2,06,014	.....	32,000
1883-84	1,45,64,507	@ 8 %	9,83,338	.....	2,55,227	3,417	6,67,113	1,79,687	1,74,305	.....	24,708
1884-85	1,52,82,741	Do.	11,80,307	.....	3,09,532	4,305	7,73,531	1,43,750	1,72,622	.....	.....
1885-86	2,00,25,223	Do.	14,61,103	.....	3,23,185	4,525	6,79 250	1,43,750	1,79,177	.....	29,914
1886-87	2,16,27,250	@ 8½ %	14,88,567	.....	3,19,561	3,943	10,12,502	1,43,750	1,90,250	.....	29,776
1887-88	2,27,92,349	@ 8 %	14,97,013	.....	3,56,903	4,030	9,96,750	1,43,750	1,81 168	(a) fire tax	37,857
1888-89	2,33,51,943	Do.	14,65,021	.....	3,14 571	45,471	7,25,807	1,43,750	1,93,297	@ ½ %	34,705
1889-90	2,34,64,339	Do.	15,82,309	.....	3,25,616	52,792	6,67,065	1,43,750	1,90,922	.....	(a) 79,187
1890-91	2,82,27,355	Do.	15,64,932	.....	3,36,618	60,451	9,79,580	1,43,750	1,89,284	@ 1 %	1,25,345
1891-92	2,83,80,023	Do.	17,55,081	.....	3,42,973	75,101	8,40 222	1,43,750	1,86,151	Do.	1,61,264
1892-93	2,64,03,962	Do.	17,12,301	.....	3,44,005	79,276	9,73,928	1,43,750	1,86,703	Do.	1,65,838
1893-94	2,69,79,728	Do.	17,16,321	.....	3,51,175	83,817	8,97,296	1,43,750	1,86,829	@ ½ %	1,10,504
1894-95	2,76,13,741	Do.	17,43,385	.....	3,56,082	93,137	8,88,512	1,43,750	2,06,348	Do.	1,09,325
1895-96	2,82,56,881	Do.	17,67,000	.....	3,65,525	96,335	9,10,851	1,43,750	2,17,475	Do.	1,10,137
1896-97	2,89,27,618	Do.	17,45,529	.....	3,16,681	74,085	6,45,141	1,43,750	1,82,867	Do.	1,09,138
1897-98	2,91,82,895	Do.	19,35,325	.....	3,16,838	88,063	9,51,424	1,43,750	1,89,323	Do.	1,20,961
1898-99	2,98,53,526	@ 9 %	21,05,905	.....	3,29,197	87,754	11,17,161	1,43,750	2,08,544	Do.	1,17,219
1899-1900 ...	3,05,17,091	@ 12 %	28,74,389	.....	3,02,718	90,346	15,91,721	1,43,750	2,21,338	Do.	1,20,127
1900-1901 ...	3,13,75,105	@ 12 %	28,91,971	.....	3,21,366	95,702	11,31,371	1,43,750	2,16,939	Do.	1,20,647
1901-02	3,18,11,623	@ 12 %	25,52,084	.....	3,40,247	92,733	8,63,123	1,43,750	2,33,065	Do.	1,27,570
1902-03	3,18,91,400	Do.	26,31,510	.....	3,71,012	1,02,070	12 19,316	1,43,750	2,44,092	Do.	1,28,049
1903-04	3,41,49,569	Do.	27,64,974	.....	3,98,070	1,08,511	11,68,973	1,43,750	2,40,061	Do.	1,38,163
1904-05	3,51,15,931	Do.	30,26 372	.....	4,15,337	1,03,772	14,16,943	1,43,750	2,60,744	Do.	1,51,302
1905-06	3,81,90,177	@ 8½ %	27,53,778	.....	4,48,313	96,281	11,68,450	1,43,750	2,72,759	@ ½ %	1,20,057
1906-07	4,14,48,601	Do.	29,88,345	.....	4,42,749	1,03,221	13,34,074	1,43,750	2,65,828	Do.	1,28,631
1907-08	4,42,79,940	@ 8 %	29,74,517	.....	4,29,892	1,06,284	13,90,903	1,43,750	2,80,355	Do.	1,39,329
1908-09	4,63,75,705	Do.	31,17,349	.....	4,79,857	1,19,278	12,56,320	1,43,750	2,78,890	Do.	1,47,522
1909-10	4,91,44,987	@ 9½ %	38,05,316	.....	5,04,553	97,754	14,23,491	1,43,750	2,80,614	Do.	1,63,267

W. E. WAITE,
Chief Accountant.

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to close of the financial year 1909-10.

Total Taxation Project.	Service rendered.		Total service rendered.	Miscellaneous.		Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five years' average annual income.
	Halalkhore Tax.	Water Tax.		Government contributions for Police and City Improvement Trust.	Returns from Property and Miscellaneous.					
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs. a. p.	
19,47,762	.....	1,78,719	1,78,719	.....	2,42,306	23,63,787	1865	8,16,562	2 9 6	
18,66,545	1,92,832	6,49,121	8,41,973	.....	2,66,154	29,14,672	1866	.....	3 5 1	
22,44,905	1,45,821	3,73,006	5,18,830	1,50,000	1,26,789	30,40,524	1867	.....	3 6 1	31,12,976
22,76,927	3,31,424	4,98,377	8,29,801	2,69,129	4,25,787	38,52,674	1868	.....	3 14 0	
24,18,773	2,30,562	3,62,998	5,93,560	1,03,882	2,71,011	33,93,226	1869	.....	3 11 0	
23,41,539	2,13,197	3,66,986	5,80,183	1,09,882	2,73,625	33,07,749	1870	.....	3 9 3	
20,14,612	1,39,986	3,67,518	5,07,504	.....	2,69,554	28,71,180	1871	.....	3 2 11	
20,78,240	2,17,071	4,07,835	6,24,906	.....	3,45,185	30,48,331	1872	6,44,405	4 3 1	31,06,534
20,68,377	2,00,599	4,00,639	6,01,229	.....	4,56,604	33,21,103	1873	.....	4 7 2	
20,73,020	1,82,235	3,63,057	5,45,292	.....	3,47,980	29,81,322	1874	.....	4 1 4	
22,28,065	1,91,215	3,09,212	4,91,427	60,000	3,31,014	31,45,526	1875	.....	4 3 7	
21,84,986	2,01,677	3,65,377	5,12,454	90,000	3,80,283	31,27,723	1876	.....	4 2 11	
12,31,131	1,01,299	3,11,823	5,13,122	90,000	4,01,290	32,41,492	1877	.....	4 4 2	32,09,805
21,79,985	1,95,380	2,92,780	4,88,160	90,000	3,87,025	31,45,153	1878	.....	4 2 2	
21,45,052	2,42,015	3,51,798	5,93,813	90 000	5,01,299	33,11,174	1879	.....	4 4 0	
21,18,977	2,03,643	3,50,703	5,53,750	75,000	4,61,173	32,51,570	1880	.....	4 3 4	
22,35,094	2,81,105	5,24,819	8,05,424	90 000	7,57,976	38,73,694	1881	7,73,196	3 15 5	
being changed to the financial year, the income was as follows:—										33,37,343
28,14,965	3,38,916	6,70,677	9,99,593	91,125	6,75,575	46,12,210	1882-83	.....	4 15 6	
22,87,596	2,41,537	5,47,647	7,91,204	85,672	5,72,400	37,37,272	1883-84	.....	3 15 8	
25,84,967	2,89,016	5,96,523	8,85,739	90,000	6,54,162	42,13,868	1884-85	.....	4 7 9	
23,20,449	3,16,787	6,65,370	9,82,157	90,000	5,71,367	41,73,973	1885-86	.....	4 14 10	
21,88,299	2,18,630	7,74,651	10,93,281	.....	6,20,214	40,01,814	1886-87	.....	5 8 7	
21,10,781	3,72,258	8,83,724	12,55,982	.....	7,99,967	41,66,930	1887-88	.....	5 10 4	40,70,136
22,21,718	3,90,039	9,63,801	13,53,813	.....	6,90,632	43,65,163	1888 89	.....	5 8 5	
20,41,841	4,73,919	11,23,006	15,96 925	.....	7,03,403	43,42,169	1889 90	.....	5 13 11	
21,10,939	5,27,222	11,49,198	16,76,420	.....	(c) 10,78,551	61,65,501	1890-91	.....	6 9 3	
35,07,542	5,53,877	11,81,429	17,37,306	.....	9,88,335	62,33,183	1891-92	8,24,754	6 6 1	
35,08,601	6,22 200	14,07,051	20,29,281	.....	9,76,051	65,72,913	1892-93	.....	6 14 11	64,74,849
35,14,652	5,82 026	12,86,828	18,68 854	.....	(b) 13,09,189	67,62,695	1893-94	.....	6 9 0	
33,47,560	6 81 5 7	13,88,105	20 69,592	.....	9,21,981	65 39,372	1894-95	.....	6 13 4	
35,11,313	6,37,512	14,42,196	21,00,707	.....	(c) 10,49,630	67,61,710	1895-96	.....	6 15 2	
31,47,491	6,88,186	13,98,110	20 86,296	.....	9,74,588	62,08,978	1896-97	.....	6 5 10	
37,76,281	7,35,485	13,28,852	20 65,337	.....	(d) 13,62,939	71,45,560	1897-98	.....	7 1 8	72,28,595
41,50,620	7,13,122	15,00,970	22,14,092	.....	8,27,199	71,91,911	1898-99	.....	7 11 4	
13,47,619	7,25,961	17,72,997	24,98,231	.....	9,84,167	88,19,817	1899-1900	.....	9 8 9	
49,24,736	7,14,440	17,35,635	24,50,075	.....	10,28,037	81,02,848	1900 01	.....	8 15 7	
43,71,969	7,88,130	15,47,120	23 35,250	.....	10,20,181	77,05,729	1901-02	7,16,006	8 10 3	
47,90,830	7 85,981	15,13,916	23 09,900	.....	10,24 898	81,75,628	1902-03	.....	9 2 4	81,32,800
49,56,503	8,10,610	15,71,566	23,82,176	.....	11,49,944	84,82,625	1903-04	.....	9 7 6	
55,92,670	8,74,194	17,14,453	25,89,647	.....	12,23,794	93,26,111	1904-05	.....	10 7 3	
60,05,050	9,32,656	18,47,780	27,80,435	.....	12,96,021	99,92,536	1905-06	.....	10 0 9	
53,76,193	9,91 362	19,38,499	29,29,791	.....	13,42,112	96,48,501	1906-07	9,77,822	8 7 10	
54,64,330	10,86,571	19,45,830	29,95,701	.....	14,29,290	98,89,324	1907-08	.....	8 10 5	1,00,26,055
56,12,805	11,19,322	20,01,189	31,73,111	.....	15,19,671	1,02,86,048	1908-09	.....	8 14 11	
54,16,315	11,52,346	20,11 783	32,01,124	.....	15,53,485	1,12,17,954	1909-10	.....	9 13 5	

(a) Includes Rs. 2,32,544/- for arrear recoveries for work done.
(b) Rs. 4,58,039/- adjusted on account of premia on loans.
(c) Includes premia of Rs. 97,749 on loan raised.
(d) Includes rebate of plague expenses amounting to Rs. 4,37,055.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix

Expenditure of the Bombay Municipality from the

Year.	General Superintendence.	Assessment and collection.	Fire Brigade.	Public Works (Engineering Department.	Public Health Department.	General Stores.	Pensions and Gratuities.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1865	94,354	1,26,472	Not	31,52,722	5,12,914	Not	316	1,11,931	.....	.....	.....
1866	1,31,622	58,638	traceable.	13,32 967	14,60 293	traceable.	14,420	3,96,169	.....	.....	20,554
1867	61,337	71,531		17,38,626	14,26,321		2,580	1,25,622	.....	.....	73,300
1868	70,909	87,602	22,108	12,33,591	10,15,862	9,012	3,733	4,17,083	.....	.....	2,19,977
1869	1,00,879	1,25,691	23,318	12,51 129	8,57,425	8,312	5,031	3,25,037	.....	.....	3,31,368
1870	1,32,925	1,12,498	30,896	13,73,807	8,22,784	8,088	10,351	4,21,905	.....	.....	4,46,187
1871	1,22,853	1,32,851	31,261	16,11,522	7,84,485	6,482	7,758	5,90,579	7,948	.....	4,75,704
1872	1,15,530	1,25,354	34,435	12,63,987	7,69,854	*	7,221	3,27,209	9,331	.....	2,52,971
1873	1,16,575	1,31,308	29,546	10,70,919	7,98,800	*	6,986	3,60,892	10,000	.....	5,05,216
1874	1,11,600	1,29,023	25,316	10,53,879	7,38,139	*	8,030	3,44,325	10,000	.....	5,09,023
1875	1,13,902	1,26,706	20,053	9,90,091	7,42,955	*	8,091	3,52,920	10,000	36,0	5,561
1876	1,09,189	1,42,267	27,754	9,19,195	7,01,681	.....	11,157	3,97,731	10,000	36,0	
1877	1,10,161	1,43,672	24,193	8,96,548	7,49,550	.....	8,301	3,51,535	10,000	36,0	
1878	1,15,597	1,41,367	27,317	8,13,057	7,50,481	.....	8,008	3,61,581	10,000		
1879	1,21,907	1,34,372	23,989	8,35,687	8,01,295	.....	12,084	3,64,501	17,000		
1880	1,23,493	1,37,726	21,800	8,85,191	7,52,410	.....	7,749	3,59,105	17		
1881	1,23,951	1,52,107	29,242	9,16,699	7,56,021	.....	8,658	3,57,765	1		
	For 15 months, from 1st January 1882 to										
1882-83	1,63,715	1,87,553	73,055	14,09,108	10,14,785	.....	12,503	4,54,034	23,0		
1883-84	2,01,021	1,18,317	55,389	10,55,230	9,16,346	.....	49	3,62,508	22,500		
1884-85	1,65,258	1,64,937	64,977	11,51,651	9,19,967	.....	23,293	3,61,765	22,500		
1885-86	1,66,622	1,81,717	63,551	12,34,549	9,56,697	.....	18,318	3,59,223	23,700		
1886-87	2,13,090	2,17,134	70,901	13,03,550	10,10,118	.....	19,133	3,61,914	32,001		3
1887-88	2,70,945	2,12,138	69,670	15,61,393	10,76,735	.....	30,531	3,61,342	1,24,715		23,27,682
1888-89	2,62,223	1,93,8 0	1,12,225	14,91,091	11,56,110	.....	19,670	3,59,140	50,982	16	14,90,116
1889-90	1,77,133	1,92,61	93,907	13,62,241	11,96,577	.....	29,129	3,58,235	60,356		14,85,711
1890-91	1,82,196	2,23,8	1,20,291	15,92,631	13,03,064	.....	32,117	3,58,235	63,646	38,601	15,52,739
1891-92	1,91,028	2,41 002	88,621	15,92,023	12,92,529	.....	33,290	3,58,235	80,722	50,281	16,37,605
1892-93	1,90,220	2,52,123	1,47,091	17,72,512	13,01,563	.....	29,845	3,63,625	87,563	49,576	21,97,233
1893-94	2,29,512	2,42,493	1,05,315	15,41,703	13,39,816	.....	37,500	3,39,272	89,015	52,476	21,27,457
1894 95	2,11,621	2,47,771	1,14,164	16,67,335	13,70,163	.....	46,563	3,74,022	87,280	61,456	20,26,371
1895-96	1,93,317	2,30,960	1,15,901	17,38,317	23,75,234	.....	48,452	5,06,696	88,481	56,266	21,19,654
1896-97	1,93,641	2,48,159	1,07,651	15,55,649	11,09,587	.....	53,601	5,51,589	88,889	53,101	20,56,122
1897-98	2,14,792	2,50,488	1,18,308	16,10,387	15,56,533	.....	76,096	5,00,000	1,02,621	54,233	22,60,571
1898-99	2,10,389	2,57,482	1,09,976	14,19,672	16,89,174	.....	56,866	5,01,013	1,16,776	55,201	21,81,133
1899-1900	1,97,643	2,72,850	1,17,096	16,91,891	20,30,444	.....	66,031	5,00,000	1,11,950	54,997	23,40,209
1900-01	2,23,014	3,26,719	1,18,639	17,01,378	24,65,479	.....	75,999	5,02,155	1,19,938	58,977	25,03,311
1901-02	2,23,036	2,94,601	1,21,723	15,71,437	20,07,061	.....	56,440	5,00,022	1,12,513	57,000	26,56,315
1902-03	2,16,767	2,97,939	1,10 162	15,20,506	20,05,899	.....	65,852	5,97,501	1,10,474	56,290	27,11,361
1903-04	2,38,099	2,99,459	1,21,919	16,65,764	19,73,374	.....	57,487	5,00,381	1,12,858	54,625	29,15,561
1904-05	2,79,316	3,18,017	1,34 232	18,34,039	18,46,602	15,901	74,334	5,01,076	1,52,763	57,000	29,33,563
1905-06	2,43,003	3,24,580	1,23,956	19,67,811	19,91,109	19,209	71,778	5,00,000	1,61,120	57,606	29,82,971
1906-07	2,06,206	2,23,231	1,28,915	19,39,055	21,16,791	27,309	76,393	5,01,862	1,65,815	56,218	31,77,715
1907-08	2,52,564	3,05,403	1,02,871	21,17,200	22,87,105	31,328	74,395	1,38,456	2,65,330	4,20,151	32,26,913
1908-09	2,71,046	3,73,684	1,71,607	23,96,211	24,34,002	29,456	65,623	.....	2,76,685	4,61,535	32,98,247
1909-10	3,09,102	3,69,400	1,62,138	23,91,606	22,64,090	30,839	69,817	.....	2,93,254	4,62,579	33,77,184

* Combined with Controller's Office.

W. E. WAITE,
Chief Accountant.

No. 15 (A).

year 1865 to the year 1909-10.

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock.	Municipal Building Fund.	Road Improvement Fund.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	5 years' average annual expenditure.
										(1)
.....	.....	5,10,250	.....	.....	.....	.....	1,17,315	49,59,333	1865	
.....	.....	87,059	.....	.....	.....	.....	1,25,240	36,01,922	1866	
.....	.....	2,70,545	.....	.....	.....	.....	1,46,623	42,16,346	1867	38,77,303
.....	.....	3,32,722	.....	.....	.....	.....	37,775	34,77,058	1868	
.....	.....	.....	.....	.....	.....	.....	42,665	31,31,358	1869	
.....	.....	.....	.....	.....	.....	.....	23,416	33,92,185	1870	
.....	.....	.....	.....	.....	.....	.....	53,213	38,04,661	1871	
.....	27,273	.....	.....	.....	.....	.....	(a) 1,57,332	31,15,588	1872	33,69,595
.....	11,857	.....	.....	.....	.....	.....	22,354	30,41,577	1873	
.....	14,473	.....	.....	.....	.....	.....	46,615	29,90,663	1874	
.....	18,282	.....	.....	.....	.....	.....	(b) 1,19,851	32,65,027	1875	
.....	21,638	.....	.....	.....	.....	.....	47,696	31,60,423	1876	
.....	20,221	.....	.....	.....	.....	.....	55,559	30,36,533	1877	31,68,669
.....	21,190	.....	.....	.....	.....	.....	71,103	32,70,221	1878	
.....	17,709	.....	.....	.....	.....	.....	51,791	31,11,122	1879	
.....	20,756	.....	.....	.....	.....	.....	44,321	30,57,992	1880	
.....	19,463	.....	2,50,000	.....	.....	.....	(c) 3,52,835	37,98,372	1881	
being changed to the financial year, the expenditure was :—										
.....	26,969	.....	50,000	19,000	.....	.....	38,740	47,53,632	1882-83	38,41,465
.....	20,263	.....	20,000	.....	.....	.....	33,934	37,15,812	1883-84	
.....	22,733	.....	891	.....	.....	.....	(d) 2,11,150	33,81,020	1884-85	
.....	23,864	.....	99,196	.....	.....	.....	98,226	40,66,940	1885-86	
.....	38,326	.....	49,779	.....	.....	.....	57,562	41,76,362	1886-87	
.....	42,123	.....	50,221	.....	.....	.....	32,436	38,12,660	1887-88	43,59,931
.....	48,939	.....	55,577	.....	.....	.....	(e) 1,12,356	52,01,258	1888-89	
.....	65,153	.....	24,459	.....	3,000	.....	58,553	50,42,105	1889-90	
.....	87,805	.....	28,907	.....	3,113	.....	1,85,807	56,81,861	1890-91	
.....	77,225	.....	27,905	.....	3,274	.....	2,07,780	57,82,073	1891-92	
.....	96,964	.....	.....	.....	3,396	.....	62,506	65,45,512	1892-93	62,69,972
.....	(f)2,80,453	.....	.....	.....	5,64,872	.....	23,321	69,63,928	1893-94	
.....	90,929	.....	.....	.....	44,086	.....	28,485	63,73,488	1894-95	
.....	64,023	.....	.....	.....	1,46,180	.....	15,519	67,02,516	1895-96	
.....	60,312	.....	.....	.....	1,42,601	4,37,055	35,503	70,04,743	1896-97	
.....	71,447	.....	.....	.....	26,478	5,00,000	1,20,719	74,96,969	1897-98	71,87,147
.....	74,909	.....	.....	.....	37,425	—5,00,000	(g) { 8,12,516 19,673 }	73 39,026	1898-99	
.....	75,220	.....	.....	.....	35,316	— 43,694	32,385	73,92,430	1899-1900	
4,74,605	69,870	.....	.....	.....	58,400	— 922	1,96,444	85,81,038	1900-01	
4,81,000	57,685	.....	.....	.....	59,259	.....	38,695	82,26,158	1901-02	
5,00,000	55,874	.....	.....	.....	58,136	.....	75,124	84,53,398	1902-03	84,67,384
3,50,000	67,422	.....	.....	.....	33,265	.....	31,006	81,31,390	1903-04	
2,00,000	66,092	.....	.....	.....	35,299	1,81,220	57,512	85,91,618	1904-05	
2,50,000	64,751	.....	.....	.....	39,377	2,26,538	(h) 3,62,359	93,74,242	1905-06	
3,00,000	64,735	.....	.....	.....	39,626	2,43,044	18,915	95,20,790	1906-07	
3,56,081	75,158	.....	.....	.....	44,445	1,95,517	1,30,930	1,01,89,201	1907-08	1,07,22,285
4,50,000	92,905	.....	.....	.....	47,813	2,23,328	37,952	1,06,30,126	1908-09	
1,90,000	88,964	.....	.....	.....	1,21,917	2,00,815	(i) 3,65,173	1,13,87,059	1909-10	

(a) Includes write-off for loss in stores of Rs. 1,45,993.
(b) Includes Rs. 50,6 0 for visit of H. R. H. the Prince of Wales.
(c) Includes special adjustment of Rs. 3,21,827 for re-arranging the different loan funds.
(d) Includes loss of Rs. 1,84,774/- on the sale of the Panwell Brick Factory.
(e) Includes Rs. 62,048 by loss on sale of investments.
(f) Includes Rs. 1,34,565 for land acquired.
(g) Write-off on account of frontage lands in Agripada.
(h) Includes contribution of Rs. 3,00,000 towards celebrating the visit of T. R. H. the Prince and Princess of Wales.
(i) Includes charges for grain compensation and Local allowance and the loss sustained in the sale of unserviceable stores written off.

P. R. CADELL,
Ag. Municipal Commissioner.

Appendix No. 16.

CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1909-10.

YEAR.	Income.	Expenditure.	Difference.	
			More.	Less.
	Rs.	Rs.	Rs.	Rs.
1865	23,63,787	49,59,333	.....	25,95,546
1866	29,14,672	36,01,922	.....	6,87,250
1867	30,40,524	42,16,346	.....	11,75,822
1868	38,52,674	34,77,058	3,75,616	.....
1869	33,93,226	31,31,358	2,61,868	.....
1870	33,07,749	33,92,185	.....	84,436
1871	28,71,160	38,04,661	.....	9,33,501
1872	30,48,331	31,15,888	.....	67,557
1873	33 24,108	30,44,577	2,79,531	.....
1874	29,81,322	29,90,663	.....	9,341
1875	31,43,526	32,65,027	.....	1,21,501
1876	31,77,723	31,60,438	17,285	.....
1877	32,41,452	30,36,535	2,04,917	.....
1878	31,45,153	32,70,224	.....	1,25,071
1879	33,41,174	31,11,122	2,30,052	.....
1880	32,51,870	30,57,992	1,93,878	.....
1881	38,73,694	37,98,872	74,822	.....
From 1st January 1882 to 31st March 1883 (15 months).	46,12,240	47,53,632	.....	1,41,392
1883-1884	37,37,272	37,15,812	21,460	.....
1884-1885	42,13,868	38,81,020	3,32,848	.....
1885-1886	44,73,973	40,66,940	4,07 033	.....
1886-1887	49,01,814	41,76,362	7,25,452	.....
1887-1888	51,66,530	58,12,690	.....	6,46,160
1888-1889	49,66,193	52,01,258	.....	2,35,065
1889-1890	53,42,169	50,42,405	2,99,764	.....
1890-1891	61,65,901	56,84,861	4,81,040	.....
1891-1892	62,33,183	57 82,073	4,51,110	.....
1892-1893	66,72,943	65,45,512	1,27,431	.....
1893-1894	67,62,695	69,63,928	.....	2,01,233
1894-1895	65,39,372	63 73,486	1,65,886	.....
1895-1896	67,61,710	67,02,516	59,194	.....
1896-1897	62,08,978	70.04,743	.....	7,95,765
1897-1898	71,45,560	74,96,969	.....	3 51,409
1898-1899	71,61,911	73,39,026	.....	1,77,115
1899-1900	88,29,817	73,92 480	14,37,337	.....
1900-1901	84,02,848	85,84,058	.....	1.81,210
1901-1902	77.66,729	82.26,458	.....	4,59,729
1902-1903	81.75,688	84,53,398	.....	2,77,710
1903-1904	84,82,625	84,31,390	51,235	.....
1904-1905	93,36,111	85,91,618	7,44,493	.....
1905-1906	90,92,539	93,74,242	.....	2,81,703
1906-1907	96.48.501	95,20,790	1,27,711	.....
1907-1908	98,89,324	1,01,89,201	.....	2,99,877
1908-1909	1,02,86,048	1,06,30,126	.....	3,44,078
1909-1910	1,12,13,864	1,13,97,050	.....	1.83,186

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Ag. Municipal Commissioner.

REVENUE.

REPORT on the working of the Assessment and Collection Department for the year 1909-1910 by B. D. Banaji Esquire, Assessor and Collector, forwarded with his No. 10831, dated 31st May 1910.

1. The total amount collected under all Heads, exclusive of Tolls, Miscellaneous Receipts and Fees, was Rs. 73,66,179-6-5 against the estimate of Rs. 72,01,134, a difference of Rs. 1,65,045-6-5 detailed as under :—

Taxes.	Estimate.	Actual collections, including adjustments.	Increase.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Tax	39,70,000 0 0	39,89,528 3 0	19,528 3 0
*Water Tax	18,47,149 0 0	19,63,348 2 10	1,16,199 2 10
Halalkhor Tax	11,66,000 0 0	12,03,099 1 3	37,099 1 3
Wheel Tax (Private)	2,17,985 0 0	2,10,203 15 4	—7,781 0 8
Total ...	72,01,134 0 0	73,66,179 6 5	1,65,045 6 5

* Exclusive of meter hire and receipts by the Deputy Executive Engineer, Water Works.

2. As compared with the total collections for 1908-1909, *i.e.*, Rs. 66,01,970-8-10, the collections for 1909-1910, *viz.*, Rs. 73,66,179-6-5, are more by Rs. 7,64,208-13-7.

3. On the 31st March 1910, the outstandings for property taxes, charges for water by meter and Wheel Tax (private) were Rs. 1,14,201-10-10 against Rs. 1,33,550-2-6 on 31st March 1909, of which Rs. 57,336-5-3 have been collected or adjusted up to 24th May 1910, leaving at that date Rs. 56,865-5-7 for recovery for all previous years. Out of this sum Rs. 24,367-4-7, are in dispute on account of valuations, water supply by meter, &c., and Rs. 477-12-10 are to be adjusted Departmentally whilst Rs. 225-7-10 are irrecoverable.

4. Properties in the Assessment Book on 31st March 1910 were as under :—

Buildings	37,794
Saltpans	106
Lands, (including tanks, wells, &c.)	21,989
Total ...	59,889

Of this number 48,126 were assessed for the General Tax, 2,451 were exempted under Section 143 (1) (*a*) (*b*) of the Municipal Act, and 7,925 were not charged the General Tax, being small plots of waste lands, houses marked "Unfit for human habitation", the assessments of which were temporarily reduced to a nominal value of Rs. 6, for which no bills were issued. The number of Municipal properties which are not assessed under Section 143 (1*b*) is 1,387.

5. The number of buildings newly erected, demolished and enlarged in 1909-1910 was 1,134, 590, and 449 respectively.

6. The Assessments of Properties contrasted with those of 1908-1909 were:—

A

Year.	Original Assessment (Gross).	Amount after disposal of complaints.		Amount of subsequent reduction during the year by demolitions and on complaints.	Gross amount after deduction of subsequent reduction.	Subsequent enhancement (new buildings, enlargements and under Assessments) (Gross).	Total Gross Assessment.	Increase (Final difference over preceding year's Gross Assessment.)	Rateable Assessment.	Classification of Rateable Assessment.			
		No. of complaints against opening Assessment.	Gross Assessment.							Chargeable with General Tax.	Exempted from General Tax, Section 143 (1) (a) (b).	For which no General Tax Bills issued.	Total Rateable Assessment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1908-09	4,57,93,718	4,576	4,60,63,206	9,36,731	4,51,26,475	17,49,291	4,68,75,766	25,95,826	4,22,01,034	4,00,55,750	*21,30,188	15,096	4,22,01,034
1909-10	4,85,20,049	5,013	4,84,78,523	7,49,462	4,77,29,061	17,15,926	4,94,44,987	25,69,221	4,45,13,209	4,23,43,116	21,54,769	15,324	4,45,13,209

7. There were 4,450 complaints against Assessments made from the 1st April and 563 complaints against Assessments made during the currency of the year making a total of 5,013 complaints against 4,576 complaints in 1908-1909 :—

8. The following tables give the increases and decreases in property taxes levied as compared with those of 1908-1909.

General Tax.

B.

1908-1909.				1909-1910.				Increase (Difference between columns 4 and 8).
3½ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by Port Trustees under Section 145 (3).	Total of columns 1, 2 and 3	3½ per cent.	Compounded sum payable by Government under Section 144 (3).	Compounded sum payable by Port Trustees under Section 145 (3).	Total of columns 5, 6 and 7.	
1	2	3	4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
30,21,493 6 8	1,16,538 0 0	2,16,501 0 0	33,54,532 6 8	35,43,723 3 9	*1,33,274 0 0	2,45,583 0 0	40,22,580 3 9	6,67,947 13 1

* *Note*—In addition to this sum the Government paid Rs. 4,442 being the amount of supplementary claim on account of former years.

The amount of General Tax on properties exempted from its payment under Section 143 (1) (*a*) (*b*) is Rs. 2,04,703-1-1 against Rs. 1,78,403-4-0 in 1908-1909.

Water Tax.

C.

1908-1909.				1909-1910.				Difference.			
On rateable value at 3½ per cent.	Compounded.	On meter measurement.	Total of columns 1, 2 and 3.	On rateable value at 3½ per cent.	Compounded.	On meter measurement.	Total of columns 5, 6 and 7.	On rateable value (Increase.)	Compounded. (Decrease.)	On meter measurement. (Decrease)	(Difference between columns 4 and 8). Decrease.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
8,83,366 0 11	9,377 10 11	10,70,224 0 10	19,62,967 12 8	9,57,572 8 9	9,180 7 1	9,90,732 10 6	19,57,485 10 4	74,206 7 10	197 3 10	79,491 6 4	5,482 2 6

Halalkhor Tax.

D.

1908-1909.			1909-1910.			(Difference between columns 3 and 6). Increase.
On rateable value at 3 per cent.	On special service.	Total of columns 1 and 2.	On rateable value at 3 per cent.	On special service.	Total of columns 4 and 5.	
1	2	3	4	5	6	7
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
9,47,931 10 1	1,85,865 3 5	11,33,797 13 6	10,11,044 13 4	1,91,341 6 3	12,02,386 3 7	68,588 6 1

9. The total demand on account of property taxes amounted to Rs. 71,82,452-1-8 (including Government and Port Trust) to which is to be added Rs. 30,656-6-9 on account of previous years, making a total of Rs. 72,13,108-8-5 from which sum Rs. 35,023-3-6 were allowed as ⅓th Drawback of the General Tax under Section 158 (2) of the Act. The total number of claims for ⅓th Drawback was 8,537.

10. For these taxes 475 bills for Rs. 30,656-6-9 were issued for previous years, and 1or 1909-1910, 76,258 bills for Rs. 67,68,571-14-2 (excluding Government and Port Trust for which no bills are issued, the amounts being paid direct into the Chief Accountant's Office) making a total of 76,733 bills for Rs. 67,99,228-4-11.

11. The outstanding balance for property taxes for all years on 31st March 1909 was Rs. 1,31,000-6-4. During 1909-1910 bills for these taxes amounting to Rs. 67,99,228-4-11 were issued. Government and Port Trust paid Rs. 3,78,857 (Rs. 1,33,274 and Rs. 2,45,583). Thus the total demand amounted to Rs. 73,09,085-11-3.

12. Of this amount Rs. 71,55,975-7-1 were collected, *i.e.*, Rs. 1,13,658-12-5 for former years, and Rs 70,42,316-10-8 for 1909-1910, leaving uncollected the sum of Rs. 1,53,110-4-2. Deducting from this amount Rs. 41,248-13-3 on account of bills recalled and cancelled, the balance outstanding on 31st March 1910 was Rs. 1,11,861-6-11.

13. The outstandings on 31st March 1910 were Rs. 6,749-3-5 on account of former years and Rs. 1,05,112-3-6 for 1909-1910, making a total of Rs. 1,11,861-6-11.

14. *Tax on vehicles and animals.* The demand on account of the tax on private vehicles and animals for the four quaters ending 31st December 1909 was Rs 2,10,718-2-0 against Rs. 2,17,044-9-0 for 1908; to the first sum are to be added Rs. 2,549-12-2 outstanding on 31st March 1909 and amended demand aggregating Rs. 118-0-0 for former years, making a total of Rs. 2,13,385-14-2 for recovery. 18,819 bills were issued and the amount collected was Rs. 2,10,203-15-4 leaving Rs. 3,181-14-10 uncollected, of which Rs. 205-7-11 were written off under Standing Committee's Resolutions Nos. $\frac{240}{14\text{-}4\text{-}09}$, $\frac{1109}{2\text{-}6\text{-}1909}$, $\frac{4162}{13\text{-}10\text{-}1909}$ and $\frac{4856}{24\text{-}11\text{-}1909}$ Rs. 636-3-0 were on bills recalled, amended bills being issued, making a total of Rs. 841-10-11 which deducted from Rs. 3,181-14-10 leaves Rs. 2,340-3-11 outstanding at the end of the year.

15. During the year there were taxed 4,451 four wheeled vehicles (including 432 Motor Cars), 1,058 two wheeled vehicles, 966 vehicles not drawn by horses, 629 cycles, 7,209 horses (including those in Commission Stables), 164 ponies, 1,198 Bullocks and 2 Mules.

16. The following table shows the total demands, collections and balances on account of property taxes and tax on private vehicles and animals.

E

Year.	Amount to be Collected.			Bills written off under Standing Committee's Resolutions and bills recalled for amendment.	Collections.	Outstanding balance on 31st March 1910.
	Opening Outstanding Balance.	Demand assessed for the year and for former years.	Total.			
1	2	3	4	5	6	7
1909-10	1,33,550 2 6	73,88,921 6 11	75,22,471 9 5	42,090 8 2	73,66,179 6 5	1,14,201 10 10

17. The miscellaneous receipts for Notices, Warrants, Battaki Fees and other small items amounted to Rs. 5,505-7-7 against Rs. 5,627-7-2 in 1908-1909. The receipts for Meter Hire were Rs. 28,093-4-0 against Rs. 29,759-0-0 in 1908-1909.

18. Certificates of refund of taxes for 1909-1910 and for former years were issued as under :—

	Rs.	a.	p.
General Tax	29,091	3	1
Water Tax	8,069	10	7
Halalkhor Tax	10,948	1	1
Wheel Tax	84	6	0
Meter Hire	115	15	5
Notice Fees	1	8	0
Total ...	48,310	12	2

19. There were 16 appeals to the Chief Judge of the Small Causes Court of which 9 were settled out of Court and withdrawn by the appellants and in one case the principle of assessment was upheld by the Chief Judge of the Small Causes Court but the cost of land was reduced by the Court. 6 cases are pending.

20. The right of collecting the Toll at the Mahim and Sion Causeways was sold in 1909-1910 for Rs. 19,100-0-0 (from 1st August 1909 to 31st July 1910) against Rs. 22,000-0-0 in 1908-1909. The total income in 1909-1910 under this head was Rs. 20,066-10-8 against Rs. 22,566-10-8 in 1908-1909.

21. I regret to report the death of Mr. Shankar Bhikaji Rangnekar, 2nd Assistant Assessor who died on 21st October 1909 He had faithfully served for 30 years.

22. In connection with the preparation of the Election Roll and the General Elections my whole Department had worked hard to cope with the unprecedented heavy work.

23. I was absent on Privilege leave from 14th April 1909 to 13th July 1909 during which period Mr. Anandrao W. Shete acted for me.

B. D. BANAJI,
Assessor and Collector.

No. 1770 of 1910-1911.

BOMBAY MUNICIPALITY, *14th July 1910.*

FROM

SORABJI BOMANJI MASTER, ESQ.,

REVENUE AND REFUND AUDIT OFFICER.

To

P. R. CADELL, ESQUIRE, I.C.S.,

ACTING MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

SIR,

I HAVE the honour to submit the Annual Administration Report of the Revenue and Refund Audit Department for the official year 1909-1910.

I.—REVENUE AUDIT.

I.—ASSESSOR AND COLLECTOR'S DEPARTMENT.

(a) Ward Office.

2. The balances and books of the 80 Ward Clerks in the seven Wards of the City were duly examined at the end of each quarter. The amount of audit work done on each of these occasions is shown in detail in Appendix A.

3. 41,345 bills for Rs. 29,69,916-12-11 were duly checked in detail with the Ward Office Bill Book, Form 16, (every entry in which was subjected to scrutiny) and in totals which were themselves tested with the book kept under para. 9 at page 155 of the Manual which is practically the Ward Clerk's ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in details and in totals, respectively.

(b) Head Office.

4. The Assessment Book in both its parts, one for the General Tax and the other for the Water and Halalkhor Taxes, was duly examined, and the exemptions from the payment of the General Tax, the Water Tax and the Halalkhor Tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped assessment.

5. The Vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the Quarterly Return of the Ward Superintendents, where necessary, also with the owner's returns under Section 187, and with the charges made for the preceding quarters. Appendix B, gives the details for each Ward.

6. As the year recognized by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on Public Land Conveyances licensed by the Commissioner of Police under the Act, was also audited for the twelve months from 1st January to 31st December 1909, the certificates of issue of licenses supplied by that Officer under arrangements made with him having been duly checked with the Register kept by the Chief Accountant. The following table shows the work done :—

Description of Public Land Conveyances.	Number of Certificates or Vouchers.	Amount of Revenue, including Fees for Licenses, Badges, &c.
		Rs. a. p.
Victorias	1,511	1,00,591 10 8
Riding Hackeries	112	2,390 0 0
Labour Carts	9,540	1,43,338 8 8
Total ...	11,163	2,46,320 3 4

7. The right of collecting the toll, leviable under Section 190 of the Act, on vehicles entering the City from Salsette, is farmed every year for twelve months on the 1st of August, and in pursuance of the conditions of sale, the toll farmer concerned during the year of report supplied a monthly statement of the number of vehicles on which the toll was levied. The statement was checked every month with the counterfoils of ticket books and with the toll register, kept by the toll farmer in the prescribed form at the respective chowkies on the Sion and Mahim Causeways. The work done is shown in the following table :—

Month.	At Sion.		At Mahim.		Total.	
	No. of Carts.	Amount.	No. of Carts.	Amount.	No. of Carts.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
March 1909	7,050	881 4 0	9,808	1,226 0 0	16,858	2,107 4 0
April „	7,346	918 4 0	9,841	1,230 2 0	17,187	2,148 6 0
May „	8,574	1,071 12 0	10,604	1,325 8 0	19,178	2,397 4 0
June „	4,860	607 8 0	6,286	785 12 0	11,146	1,393 4 0
July „	2,302	287 12 0	2,592	324 0 0	4,894	611 12 0
August „	9,019	1,127 6 0	4,376	547 0 0	13,395	1,674 6 0
September „	12,890	1,611 4 0	5,320	665 0 0	18,210	2,276 4 0
October „	12,267	1,533 6 0	6,858	857 4 0	19,125	2,390 10 0
November „	7,377	922 2 0	7,791	973 14 0	15,168	1,896 0 0
December „	6,977	872 2 0	8,397	1,049 10 0	15,374	1,921 12 0
January 1910	7,883	985 6 0	8,608	1,076 0 0	16,491	2,061 6 0
February „	6,743	842 14 0	7,820	977 8 0	14,563	1,820 6 0
Total ...	93,288	11,661 0 0	88,301	11,037 10 0	181,589	22,698 10 0

8. Appendix C shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this office during 1909-1910.

9. All the alterations in the rateable value and in demand made through the increase and decrease forms were duly checked with the Tabulated Ward Reports (Form 13) which contained your orders as to such alterations and with your separate sanctions recorded in the Audit Note Book kept in this office.

10. The number of complaints against valuations under Section 163 of the Act, heard by me was ; 263 B Ward—Mandvi, 282 E Ward—Byculla, 104 F Ward—Parel, and 134 G Ward—Mahim. The total number of decisions on complaints against amendments under Section 167 of the Act, scrutinized by this office amounted to 236 for all the seven Wards of the City. In addition to the above I had to investigate in the year under report 210 complaints against amendments under Section 167 of the Act.

11. Twenty-seven irrecoverable bills for Rs. 205-15-11 as per details given in the subjoined table were scrutinized and submitted to you in the prescribed form for action under Section 216 of the Act :—

Ward.	Number of Bills.	Amount.		
		Tax on Vehicles and Animals.	Notice fee.	Total.
		Rs. a. p.		Rs. a. p.
A	10	51 12 4	.....	51 12 4
B	1	11 0 0	.....	11 0 0
C	6	55 11 0	.....	55 11 0
D	8	82 5 7	0 8 0	82 13 7
E	2	4 11 0	.....	4 11 0
Total ...	27	205 7 11	0 8 0	205 15 11

The Standing Committee Sanctioned their being written off in their Resolutions Nos. 240, 1109, 4162, and 4856, dated the 14th April 1909, 2nd June 1909, 13th October 1909 and 24th November 1909, respectively.

12. The demands, collections and balances at the close of the year as duly audited in the manner contemplated by the manual, are summarized below :—

	The General Tax.	The Water Tax.	The Halalkhor Tax.	The Vehicle and Animal Tax.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Total demands (including previous year's outstandings.)	43,36,944 4 8	21,12,434 12 2	13,30,264 4 3	2,21,307 11 2	80,00,951 0 3
Contribution paid by Government for previous years.	4,442 0 0	.....	.....	.....	4,442 0 0
II.—Deduct bills recalled which were either cancelled, or for which amended bills were issued.	2,93,614 9 3	1,15,144 4 5	1,03,047 9 5	8,558 0 0	5,20,364 7 1
III.—Net demand for collection.	40,47,771 11 5	19,97,290 7 9	12,27,216 10 10	2,12,749 11 2	74,85,028 9 2
IV.—(a) Collection paid into the Treasury including departmental adjustments.	39,93,970 3 0	19,63,348 2 10	12,03,099 1 3	2,10,203 15 4	73,70,621 6 5
(b) Irrecoverable bills written off.	.....	.....	.....	205 7 11	205 7 11
(c) Balance at the close of the year.	53,801 8 5	33,942 4 11	24,117 9 7	2,340 3 11	1,14,201 10 10
Total of IV...	40,47,771 11 5	19,97,290 7 9	12,27,216 10 10	2,12,749 11 2	74,85,028 9 2

13. The collections were checked with the totals of the Chief Accountant under each head and the balances by an examination of the bills actually on hand in the several Ward Offices on 1st April 1910. They were found to be correct.

Engineer's Department.

14. The revenue books kept in the General, Streets and Buildings, Water Works and Drainage Branches of the Executive Engineer's Office were duly checked each month with the permits, receipts, vouchers and other papers supporting the several entries therein, the object of audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the various books were all paid into the Municipal Treasury. The number of vouchers examined was 9,412 representing Rs. 2,28,552-15-1.

Health Department.

15. The revenue books kept in the Health Office, as well as those kept in the seven Deputy Health Officer's Offices from A to G, were duly checked each month with the receipts, vouchers and other papers supporting the entries therein, the object of audit being to ascertain that the amounts collected as shown by the various books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The number of vouchers examined was 22,440 representing Rs. 97,489-9-1.

Licensing Department.

16. The number of licenses for 1909-1910, the issue of which was sanctioned by the Commissioner under Sections 394 and 393 of the Act, for the several purposes mentioned in Schedule M (*vide* Appendix G to the Annual Report for 1899-1900) was 7,181 and brought in a revenue of Rs. 84,255-0-0. Each of these 7,181 cases passed through this office and was duly scrutinized, particularly with reference to the amount of fee leviable. The

Register of the Superintendent of Licenses and the counterfoils of the several license books were also checked with the Audit Note Book kept in this office in accordance with Commissioner's No. 3176 of the 20th May 1890, and with the counterfoils of the receipts given by the Chief Accountant's Cashier for the purpose of seeing that the full amount of fee leviable in each case was collected and paid into the Municipal Treasury. Refund amounting to Rs. 1,024 has been allowed to the G. I. P. and B. B. & C. I. Railways.

Markets and Slaughter Houses.

17. The Register and Accounts kept for the different Markets and Bandra Slaughter Houses were duly checked with the counterfoils of receipts issued to stall-holders, etc., and with the other vouchers available. The total number of vouchers examined was 7,758 representing Rs. 4,67,972-14-0, which amount appeared duly paid into the Municipal Treasury.

Victoria Gardens.

18. The revenue books kept in the office of the Superintendent of Gardens were duly checked with the counterfoils of receipts issued for the sale of garden produce as well as with the counterfoils of tickets issued for the Elephant and Camel rides in the Victoria Gardens. The Camel rides was brought into force from 2nd December 1909. The number of vouchers examined was 20,078 representing Rs. 8,870-15-0, which amount appeared duly paid into the Municipal Treasury.

Rent Bills against the Telephone and Tramway Companies.

19. The audit in connection with these bills, which hitherto used to be made by the Chief Accountant, is done in this office since 1906-1907.

General.

20. As the monthly or quarterly audit of the several departments proceeded, the errors, irregularities, or omissions, which were discovered in the course of it, were brought to the notice of the Heads of Departments concerned by means of official communications addressed to them through the Commissioner. Ground rent in respect of Wooden Police Chowkies, standing on Municipal ground has not yet been received from the Commissioner of Police for the year under report and also for the Telephone wires for the calendar year 1909.

H.—REFUND AUDIT.

I. Assessment Audit.

21. The subjoined table shows the number and amount of claims to refund on account of vacancy under Sections 174 to 179 of the Act and on account of over collections which were scrutinized and sanctioned by this office in the year under report :—

Ward.	Number of claims.	Amount of refund sanctioned.
		Rs. a. p.
A. Fort and Colaba	249	11,986 9 0
B. Mandvi	154	3,337 4 9
C. Bhuleshwar	227	3,871 7 7
D. Girgaum	158	5,358 12 5
E. Byculla	130	5,897 13 8
F. Parel	52	862 5 11
G. Mahim	50	2,783 11 10
Properties owned by the City Improvement Trust	1,946	17,007 13 0
Total ...	2,966	51,105 14 2

22. The sum of Rs. 51,105-14-2, shown in the above table, was sanctioned under the following Heads of Revenue :—

Heads of Revenue.	Amount.
	Rs. a. p.
General Tax	29,091 3 1
Water Tax	8,079 10 7
Halalkhore Tax	13,744 3 1
Vehicle and Animal Tax	84 6 0
Meter Hire	105 15 5
Notice Fee	0 8 0
Total Rs. ...	51,105 14 2

Town Duty Refunds.

23. As the Port Trustees and the two Railway Companies send in no Administration Reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this Office to submit the two statements, Appendices D and E, compiled, in so far as the gross collections are concerned, from figures supplied by the Chief Accountant. The following table compares the total results for the year under report with those for the previous year:—

Year.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1908-1909	27,26,192 8 10	14,03,010 9 0	13,23,181 15 10
1909-1910	29,29,530 10 8	15,66,411 4 0	13,63,119 6 8

24. There was no change in the rates of duty from those in force in the previous year.

25. The net revenue has been better than that of the preceding year by Rs. 39,937, being the net effect of increases and decreases in the collections and refunds under the head of each article. The most noticeable variations in the net revenues from the different articles are a decrease of Rs. 51,290 under grain and flour, and an increase of Rs. 76,998 under sugar; the others are of minor importance. The first is due to a larger increase in the exports of grain than in its imports, the second to heavier imports of sugar, not compensated for by exports quite as heavy. It seems likely, judging by the analogy of past years, that part of the heavy balance of sugar thus left over may go towards swelling the exports of the current year, with the not unlikely effect of somewhat reducing the net revenue of that year, thus restoring the equilibrium that has been partially disturbed. Even should this occur, the result for the year of report could not but be regarded as a satisfactory one.

26. It is a matter for congratulation that some of the houses in sugar, both European and Native, having had imports of sugar with indistinct marks, have, since the year 1908-1909, been requisitioning this Office of their own accord, at long intervals at first but with increasing frequency later on, to stamp their bags with Municipal marks. The firms who have thus applied so far are Messrs. David Sassoon & Co., Ltd., Ralli Brothers, Volkart Brothers, Ewart Latham & Co., the Bombay Co., Ltd., and Messrs. D. B. Khan & Co. This shows that the most important section of the sugar trade is already beginning to realize, in advance of the legalized introduction of the Municipal plan of marking, the blessings it is designed to confer upon trade.

27. The number of refund claims dealt with during the year was 48,254 against 45,783 in the previous year.

Conclusion.

28. In addition to the above, the office had to deal with correspondence of all departments affecting revenue which passes through this office, and with questions of principle relating to revenue, the importance of which can scarcely be judged by the number of inward and outward references which were respectively 7,496 and 5,712 in the year under report.

I have the honour to be,

Sir,

Your most obedient servant,

S. B. MASTER

Revenue and Refund Audit Officer.

Appendix A.

STATEMENT of Balances examined Quarterly during 1909-1910.

No. of Ward Clerks.	Ward.	Balances examined on 1st April 1909.		Balances examined on 1st July 1909.		Balances examined on 1st October 1909.		Balances examined on 4th January 1910.		Total Balances examined during the year.	
		Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.
			Rs a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
16	A—Fort and Colaba	1,287	85,540 10 5	6,216	6,06,721 3 11	2,094	1,05,358 5 0	5,658	5,56,746 5 6	15,255	13,84,366 8 10
11	B—Mandvi	187	12,956 2 6	2,637	2,72,894 3 2	243	18,078 6 5	2,900	2,90,905 1 0	5,967	5,94,873 13 1
14	C—Bhuleshwar...	174	6,060 11 6	2,074	1,44,412 7 11	197	14,186 6 7	2,415	1,91,084 6 7	4,860	3,55,744 0 7
11	D—Girgaum	227	9,439 6 3	2,432	1,22,370 1 6	295	13,514 4 5	1,760	1,12,412 13 9	4,714	2,57,736 9 11
13	E—Byculla	238	12,822 11 10	1,517	91,643 9 0	259	14,254 13 10	1,274	85,639 15 7	3,288	2,04,361 2 3
7	F—Parel	92	3,670 4 2	1,442	35,825 1 1	420	8,874 3 5	1,248	35,022 8 2	3,202	83,392 0 10
8	G—Mahim	211	3,581 11 10	1,873	37,552 2 8	233	12,293 4 5	1,742	36,015 6 6	4,059	89,442 9 5
80	Total ...	2,416	1,34,111 10 6	18,191	13,11,418 13 3	3,741	1,86,559 12 1	16,997	13,37,826 9 1	41,345	29,69,916 12 11

Appendix B.

STATEMENT of Entries in the Vehicle and Animal Tax Book checked during the year.

Wards.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
A	1,038	1,137	1,207	1,312	4,694
B	623	671	711	742	2,747
C	939	1,022	1,070	1,118	4,149
D	1,392	1,452	1,453	1,563	5,860
E	721	785	844	960	3,310
F	301	510	537	562	1,910
G	288	320	342	372	1,322
Total ...	5,302	5,897	6,464	6,629	23,992

Appendix C.

STATEMENT of 1/5 Drawback scrutinized during 1909-1910.

Wards.	1st half of 1909-1910.		2nd half of 1909-1910.		Total.	
	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.
A	697	257	669	280	1,366	537
B	533	213	557	178	1,090	391
C	844	203	825	266	1,669	469
D	455	131	461	180	916	311
E	1,027	439	1,026	477	2,053	916
F	319	155	300	136	619	291
G	400	199	474	227	874	426
Total ...	4,275	1,597	4,312	1,744	8,587	3,341

Appendix D.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1908-1909 and 1909-1910.

Name of Article.	COLLECTIONS.				REFUNDS.								NET REVENUE.			
					1908-1909.			1909-1910.								
	1908-1909.	1909-1910.	Increase in 1909-1910.	Decrease in 1909-1910.	On account of Exports.	On account of Articles supplied to Government.	Total.	On account of Exports.	On account of Articles supplied to Government.	Total.	Increase in 1909-1910.	Decrease in 1909-1910.	1908-1909.	1909-1910.	Increase in 1909-1910.	Decrease in 1909-1910.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain @ As. 4 per Candy.	4,66,180 10 0	5,35,718 15 9	69,538 5 9	.....	1,43,794 8 0	.....	1,43,794 8 0	2,65,506 15 0	.....	2,65,506 15 0	1,21,712 7 0	.....	3,06,235 6 3	2,51,944 9 9	.....	54,290 12 6
Flour @ As. 3 per Candy.	1,156 1 3	879 9 0	.....	276 8 3	17,306 13 0	.....	17,306 13 0	16,147 0 0	.....	16,147 0 0	.....	1,159 13 0				
Sugar @ As. 8 per Cwt...	14,96,188 11 6	16,15,909 12 3	1,19,721 0 9	.....	11,34,270 12 0	.....	11,34,270 12 0	11,76,993 11 0	.....	11,76,993 11 0	42,722 15 0	.....	3,61,917 15 6	4,38,916 1 3	76,998 1 9	.....
Wines and Spirits @ As. 4 per Impl. Gallon ...	2,51,471 5 10	2,51,242 15 5	9,771 9 7	.....	21,511 9 0	.....	21,511 9 0	24,144 11 0	.....	24,144 11 0	2,633 2 0	.....	2,29,959 12 10	2,37,098 4 5	7,138 7 7	.....
Beer @ pice 6 per Impl. Gallon	32,933 9 3	37,519 13 7	4,586 4 4	.....	24,580 5 0	.....	24,580 5 0	25,108 1 0	.....	25,108 1 0	527 12 0	.....	8,353 4 3	12,411 12 7	4,058 8 4	.....
Ghee @ As. 10 per B'bay Maund	2,79,579 13 1	2,71,708 11 10	.....	7,871 1 3	27,834 1 0	.....	27,834 1 0	26,528 13 0	.....	26,528 13 0	.....	1,305 4 0	2,51,745 12 1	2,45,179 14 10	.....	6,565 13 3
Timber @ 2½ per cent. on Market Value	1,98,682 5 11	2,06,550 12 10	7,868 6 11	.....	33,712 9 0	.....	33,712 9 0	31,982 1 0	.....	31,982 1 0	.....	1,730 8 0	1,64,969 12 11	1,74,568 11 10	9,598 14 11	.....
			2,11,485 11 4	8,147 9 6							1,67,596 4 0	4,195 9 0			97,794 0 7	57,856 9 9
			8,147 9 6								4,195 9 0				57,856 9 9	.....
Total Rs. ...	27,26,192 8 10	29,29,530 10 8	2,03,333 1 10	.....	14,03,010 9 0	.....	14,03,010 9 0	15,66,411 4 0	.....	15,66,411 4 0	1,63,400 11 0	.....	13,73,181 15 10	13,63,119 6 8	99,937 6 10	.....

Appendix E.

STATEMENT contrasting the Imports, Exports and Balance of the several Articles subject to Town Duty during the year 1909-1910 with those for 1908-1909.

Name of Article.		IMPORTS.				EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS.								BALANCE (LOCAL CONSUMPTION AND STOCK).			
						1908-1909.			1909-1910.								
		1908-1909.	1909-1910.	Increase in 1909-1910.	Decrease in 1909-1910.	Exports.	Supplied to Government.	Total.	Exports.	Supplied to Government.	Total.	Increase in 1909-1910.	Decrease in 1909-1910.	1908-1909.	1909-1910.	Increase in 1909-1910.	Decrease in 1909-1910.
Grain @ As. 4 per Candy	Candies..	18,64,722	21,42,876	2,78,154	.....	5,75,178	.....	5,75,178	10,62,027	.....	10,62,027	4,86,849	.....	11,74,695	9,72,280	.....	2,02,415
Flour @ As. 3 per Candy	„	6,165	4,691	.....	1,474	92,303	.....	92,303	86,117	.....	86,117	.....	6,186				
Sugar @ As. 8 per Cwt.	Cwts. ...	29,92,377	32,31,819	2,39,442	.....	22,68,541	.....	22,68,541	23,53,987	.....	23,53,987	85,446	.....	7,23,836	8,77,832	1,53,996	.....
Wines and Spirits @ As. 4 per Impl. Gallon ...	Gallons...	10,05,885	10,44,972	39,087	.....	86,046	.....	86,046	96,579	.....	96,579	10,533	.....	9,19,839	9,48,393	28,554	.....
Beer @ pies 6 per Impl. Gallon ...	„	10,53,874	12,00,635	1,46,761	.....	7,86,570	.....	7,86,570	8,03,458	.....	8,03,458	16,888	.....	2,67,304	3,97,177	1,29,873	.....
Ghee @ As. 10 per B'bay Md. ...	Maunds..	4,47,327	4,34,734	.....	12,593	44,534	.....	44,534	42,446	.....	42,446	.....	2,088	4,02,793	3,92,288	.....	10,505
Timber @ 2½ per cent. on Market Value	Value Rs.	79,47,294	82,62,032	3,14,738	.....	13,48,502	.....	13,48,502	12,79,282	.....	12,79,282	.....	69,220	65,98,792	69,82,750	3,83,958	.....

PUBLIC WORKS.

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Note.—The report on Public Works—**A** to **J**—is by Joseph Hall Esq., M. Inst. C. E., M. I. Mech. E., &c. Executive Engineer, Municipality, forwarded with his letter No. G-4080 dated the 16th June 1910.

The report on Fire Brigade—**K**—is by W. Nicholls Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 335, dated the 19th May 1910.

The report on Gardens—**L**—is by C. D. Mahalaxmiwalla Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 512, dated the 23rd May 1910.

The report on Victoria and Albert Museum—**M**—is by the Curator and Secretary, forwarded with his letter No. 55, dated the 3rd May 1910.

No. G-4080 of 1910-1911.

Executive Engineer's Office,

Bombay, 16*th June* 1910.

To

The Municipal Commissioner
for the City of Bombay.

Sir,

I have the honour to forward herewith the Administration Report of the Department under my control for the year 1909-1910 as requested in your No. 265, dated the 4th April 1910.

2. The report is divided under the following heads :—

	Paras.
A—Introductory Remarks	3 to 12
B—New Works, &c., General	13 to 66
C—Drainage Loan Works	67 to 93
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I—Workshops, the Municipal Office Lift Service, Steam Meat Van Service, and Pumping, Compressor and Ejector Stations	232 to 288
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A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. I held the appointment of the Executive Engineer, Municipality, throughout the year except during the period from 26th April to 25th July 1909 when I was on three months' privilege leave—MR. BERTRAM HENRY HEWETT, A.M.I.C.E., conducted my duties during my absence and MR. T. A. E. THOMSON was in charge of the Mechanical Branch during that period.

4. I was assisted by the following Officers in conducting the duties of the different Branches of this Department.

5. MR. NICHOLAS MAUGHAN, A.M.I.C.E., assisted by MESSRS. DINSHA DADABHAI DARUWALA, L.C.E., A.M. INST. C.E., M.R. SAN. I. and FRAMJI JAMSHEDJI BILIA, L.C.E., A.M. INST. C.E.I., Assistant Engineers, Drainage, was in charge of the Drainage Branch during the year.

6. MR. NASARWANJI DORABJI BHADA, L.C.E., A.M.I.C.E., was in charge of the Water Works Ordinary and Special Branches.

7. MR. BERTRAM HENRY HEWETT, A.M.I.C.E., Deputy Executive Engineer, Mechanical Branch, was in charge of the Mechanical Branch and supervised the working, repairs and maintenance of the Love Grove Pumping Station and the Air Compressor Stations at Love Grove and Colaba, the Ejector Stations, the Municipal Workshops, the Electric Light Installation, &c.

8. MR. HEWETT was granted three months' privilege leave from 2nd August to 1st November 1909 and MR. T. A. E. THOMSON, was appointed as Engineer in charge of the Mechanical Branch during that period.

9. MR. KAIKHASHRU PESTONJI BHEDWAR, L.C.E., Assistant Engineer, General Branch, Assisted by MR. AMRITLAL VITHALDAS THACKER, L.C.E. was in charge of the Road Branch. Mr. BHEDVAR Assisted me in framing reports, and the supervision of new Works in the General Branch of this Department.

10. MESSRS. NOWROJI HORMASJI KATRAK, L.C.E., A.M.I.C.E., HARI BHIKAJI BHANDARE, L.C.E., MUNCHERJI EDALJI JOSHI, L.C.E., and NASARWANJI DINSHA MISTRI, L.C.E., Divisional Superintendents, assisted me in matters connected with the Administration of the Building Sections of the Municipal Act and Bye-Laws.

11. MR. MISTRI, was granted privilege leave for two months and fifteen days from 18th October 1909 to 1st January 1910 and MR. ATMARAM BHASKER VAIDYA L.C.E, was appointed to act for him.

12. MR. MANGALRAO RAMJI MHATRE, Architectural Surveyor, continued to hold the post of Architectural Surveyor and supervised the preparation of plans and estimates and superintended the construction of new buildings and the maintenance of existing ones during the year. He also assisted me in the execution of works carried out by the General Branch in connection with the erection of temporary Health Camps and other measures for the suppression of Plague.

B.

NEW WORKS.

13. Subjoined is a list of new works, each costing over Rs. 3,000. They are divided as follows :—

(*a*) Those completed during the previous years, the accounts of which were adjusted during the year under report; (*b*) those which were in progress at the beginning of the year and completed during the year; (*c*) those which were commenced and completed during the year; (*d*) those which were commenced, but not completed during the year: and (*e*) those which have been sanctioned, but not proceeded with or postponed for want of funds or other reasons.

List of NEW WORKS, EACH COSTING OVER Rs. 3,000.

Consecutive Number.	Description of Works.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
	WORKS COMPLETED DURING THE PREVIOUS YEARS, THE ACCOUNTS OF WHICH WERE ADJUSTED DURING THE YEAR UNDER REPORT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Buildings and Sanitary Structures.				
1	Constructing an Engine House for two Fire Brigade Engines and quarters for a Foreman at Byculla.	28,004 0 0	26,237 9 0	.....	3rd Oct. 1908.
2	Construction of quarters for the B Ward Halalkhors at Valpakhady.	1,66,272 2 5	1,61,327 8 0	.....	1st Jan. 1909.
3	Construction of additional quarters for the Fire Brigade Staff at Byculla.	35,534 0 0	30,510 4 4	.....	31st Dec. 1908.
4	Renewing the two blocks of butchers' chals at the Bandra Slaughter Houses.	23,399 0 0	22,020 5 4	.....	20th Jan. 1909.
5	Constructing 10 lethal Chambers near the existing Slaughtering shed at the Bandra Slaughter Houses.	8,056 0 0	7,733 13 4	.....	31st Aug. 1908.
6	Construction of a bear cage in the Victoria Gardens.	10,446 0 0	10,366 4 6	.....	31st Oct. 1908.
7	Providing quarters for sluicemen at the new Worli Sluices.	4,971 0 0	4,500 11 4	.....	20th Oct. 1908.
8	Raising a storey over the existing Bengalee Girls' School at Thakurdwar.	9,868 0 0	9,674 6 3	.....	1st Mar. 1909.
9	Construction of an iron enclosure and houses for tigers in the Victoria Gardens.	19,159 0 0	16,521 4 1	.....	24th Dec. 1908.
10	Constructing 100 sheds for the Halalkhors of the F and G Wards at Arthur Road.	9,899 0 0	7,717 1 8	.....	7th July 1908.
	Drainage.				
11	Constructing a storm-water drain in Colaba Causeway between Ormiston Street and Thomas Street.	11,209 0 0	8,538 5 0	.....	11th Mar 1909.

New Works, &c.—*(continued)*.

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMPLETED DURING THE PREVIOUS YEARS, THE ACCOUNTS OF WHICH WERE ADJUSTED DURING THE YEAR UNDER REPORT—*contd.*				
	Drainage—contd.				
12	Constructing a storm-water drain in Ripon Road from Agripada drain to Jacob Circle.	31,362 0 0	27,086 12 11	.....	17th Aug. 1907.
13	Construction of a storm-water drain in Clerk Road from Parel Road to Jacob Circle.	36,869 0 0	26,900 9 11	.....	Do. do.
14	Construction of a storm-water drain in Haines Road from Khatao Makanji's Mills to Jacob Circle.	54,804 0 0	48,844 13 3	.....	Do. do.
15	Construction of a storm-water drain in Mazagon Road.	5,283 0 0	4,920 5 5	.....	7th Mar. 1909.
16	Constructing Drainage Inspector's Chowkies at Bapty Road and Charni Road.	15,058 0 0	13,083 15 6	.....	31st Dec. 1908.
	Water Works.				
17	9″ service main connected at one end with the Bhandarvada Reservoir and at the other end with the Sewri Road 12″ main and Supplemented midway by a 9″ main down Connaught Road.	53,360 15 0	49,111 3 5	.....	31st July 1908.
18	Mains along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir.	1,38,000 0 0	1,26,892 4 6	.....	30th Nov. 1908.
	Miscellaneous.				
19	Paving dust-bin stands (1906-07) ...	10,000 0 0	5,274 13 9	.....	19th Feb. 1909.
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THE YEAR.				
	Buildings and Sanitary Structures.				
20	Constructing a night Branch stable and an office etc., at Arthur Road.	67,959 0 0	62,101 4 2	.....	1st July 1909.
21	Constructing Assessment and Street and Building Ward Offices in E Ward at Sankli Tank.	28,924 0 0	22,869 13 6	.....	31st Oct. 1909.
22	Additions and alterations to Colaba, Gamdevi and Chinchpokli Fire Brigade Stations.	13,909 0 0	12,437 12 7	.....	12th Oct. 1909.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THE YEAR—*contd.*				
	Buildings and Sanitary Structures—contd.				
23	Conversion of old pattern latrines and urinals into new ones.	20,671 0 0	13,545 9 4	.....	14th Aug. 1909.
24	Removing the existing birds' shops from the Crawford Markets and re-erecting them on another site therein.	13,800 0 0	11,357 1 7	.....	7th Nov. 1909.
25	Re-constructing the Commissariat Butchers' Chal at the Bandra Slaughter Houses.	7,220 0 0	6,695 11 1	.....	14th Oct. 1909.
26	Construction of a camel house in the Victoria Gardens.	5,700 0 0	5,233 10 7	.....	9th June 1909.
	Roads and Overbridges.				
27	Construction of a road to the reclaimed land at Deonar.	10,310 0 0	10,767 8 6	.....	28th Feb. 1910.
	Drainage.				
28	Constructing channels for draining the leakage along the lowest portion of the eastern slope of Malabar Hill.	4,660 0 0	3,052 15 4	.....	July 1909.
	Water Works.				
29	22″ Main from the 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill Reservoir	2,85,978 0 2	2,80,900 8 9	.....	30th Sept. 1909.
30	Laying a 9″ main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6″ main along Ghorupdeo Road to be joined to 6″ main already laid in Albert Road.	27,812 0 0	22,173 0 4	.....	15th July 1909.
31	Laying water mains in Colaba Reclamation.	37,973 0 0	36,269 2 0	.....	28th Dec. 1909.
32	Extending the new 9″ main in Agripada District along Gilder Street to join the existing 32″ main in Grant Road.	12,460 0 0	11,904 13 6	.....	30th Apr. 1909.
33	Laying new water mains and fixing hydrants on new roads, City Improvement Trust Scheme No. 4.	35,000 0 0	31,911 0 11	.....	Do.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE BEGINNING OF THE YEAR UNDER REPORT AND COMPLETED DURING THE YEAR—*contd.*				
	Water Works—contd.				
34	Laying a new main 6″ × 5″ in Matarpakhady Road and laying a new 12″ main along Mazagon Road from Nesbit Lane to Mount Road.	11,800 0 0	11,533 11 7	.....	27th Mar. 1909.
35	Laying additional water mains in Apollo Reclamation.	18,716 0 0	16,636 0 9	.....	4th Mar. 1909.
	Cemeteries (Burning and Burial Grounds.)				
36	Construction of a boundary wall at the Haines Road Cemetery.	9,600 0 0	4,366 1 9	.....	15th Feb. 1909.
	Miscellaneous.				
37	Paving cabstands (1907-08.) ...	5,000 0 0	3,679 3 5	.....	31st Mar. 1909.
	WORKS COMMENCED AND COMPLETED DURING THE YEAR.				
	Buildings and Sanitary Structures.				
38	Constructing quarters for the Fire Brigade Engineer at the Sankli Tank Fire Brigade Station.	4,290 0 0	3,805 4 7	.....	5th Feb. 1910.
	Drainage.				
39	Laying 9″ pipe drain in the passage leading to Government Gate Road	3,923 0 0	2,139 0 6	.....	June 1909.
40	Providing a S W. drain with water gullies and water tables at Thakurdwar Road at its junction with Girgaum Road and filling in the old side drains in Girgaum Road.	3,918 0 0	3,088 15 7	.....	14th June 1909.
41	Providing a storm-water drain with water entrances in Foras Road.	5,109 0 0	4,284 4 7	.....	23rd June 1909.
42	Constructing a storm-water drain in Parel Road with eight half size water gullies.	5,753 0 0	4,828 8 10	.....	Do.
	Water Works.				
43	Laying a 6″ main in New Mathew Road.	6,900 0 0	4,562 11 9	.....	10th Mar. 1909.
44	Laying a new 6″ main in Supari-bag Road from the junction of Parel Government Gate Road with the Elphinstone Road.	18,900 0 0	17,924 3 2	.....	20th Aug. 1909.

New Works, &c.—*(continued)*.

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED AND COMPLETED DURING THE YEAR—*contd.*				
	Cemeteries (Burning and Burial Grounds).				
45	Removing and reconstructing a portion of the compound wall of the Dharavi Roman Catholic Cemetery.	5,037 0 0	4,302 2 10	.....	30th Sept. 1909.
	Miscellaneous.				
46	Filling in the portion of the old water course situated at the north corner of the Foras Tank and west of Parbhadevi Night Soil Depôt at DeLisle Road.	4,991 0 0	3,506 5 7	.....	31st Mar 1909.
	WORKS CONTINUED BUT NOT COMPLETED OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR.				
	Buildings and Sanitary Structures.				
47	Reconstructing the Bhuleshwar Fire Brigade Station.	19,800 0 0	.....	1,835 10 9	9th June 1910.
48	Metalling the Compound of the Dadar Stables.	4,118 0 0	.....	1,490 12 6	31st May 1910
49	Constructing quarters for 2 nurses in the compound of the Arthur Road Hospital.	9,081 0 0	.....	6,534 5 5	14th Mar. 1910.
50	Constructing 25 bathing places in the City.	35,739 0 0	.....	8,043 10 0	20th Nov. 1908.
51	Constructing offices for the F & G Wards of the Assessment Department at Dadar.	12,110 4 10	.....	8,671 4 3	30th Apr. 1910.
52	Constructing A Ward Offices for the Drainage, Water and Streets and Buildings Branches at Mint Road.	25,728 0 0	.....	16,633 4 3	31st Mar. 1910.
53	Constructing office quarters and store rooms in G Ward at DeLisle Road for the Streets and Buildings Branch.	22,980 8 0	.....	16,417 13 10	31st Jan. 1910.
54	Demolishing the milch cattle stables at Cochin Street and constructing bigaries chals on its site.	59,902 0 0	.....	49,145 8 11	30th Apl. 1910.
55	Providing latrines and urinals in various parts of the City.	62,163 0 0	.....	52,467 0 10	15th June 1910.

New Works, &c.—*(continued)*.

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*				
	Roads and Overbridges.				
56	Construction of Reay Road from Wari Bunder to Gunpowder Road, Mazagon.	7,30,000 0 0			
	Victoria Road extension	36,200 0 0			
	Burial Ground for Mahomedans and Bene-Israels.	2,41,952 0 0			
	To be paid by the Municipality ...Rs. 8,51,652				
	To be paid by the Port Trust ... „ 1,56,500				
		10,08,152 0 0	.....	6,60,936 7 4	
57	Constructing a new Ejector Station, diverting the sealed sewage main and erecting an outlet ventshaft in connection with the work of constructing an overbridge at Elphinstone Road.	65,719 0 0	.....	.....	
58	Diverting the 9″ pipe sewer and providing 9″ pipe sewer in Low Level Roads of the proposed overbridge at Elphinstone Road.	34,656 0 0	.....	.....	
59	Providing masonry drains in Low Level Roads of the proposed overbridge at Elphinstone Road.	38,142 0 0	.....	.....	
		1,38,517 0 0	.....	51,828 7 2	6th May 1910.
60	Diverting a 15″ Pipe sewer and providing a 9″ C. I. Pipe sewer passing underneath the bridge at Arthur Road.	3,845 0 0	.....	2,316 15 4	28th Feb. 1911.
	Drainage.				
61	Constructing a S. W. drain in Khetwadi Back Road.	38,233 0 0	.....	25,374 1 6	8th Dec. 1909.
62	Constructing a S. W. drain in Queen's Road from Wodehouse Bridge to Band Stand.	11,999 0 0	.....	110 5 8	30th Apl. 1910.
63	Measures for relieving the surcharging of sewers.	10,00,000 0 0	.....	30,706 2 6	28th Feb. 1911.
64	Laying a 6″ Pipe drain in the passage behind the new building of Mr. Hormusji Vakil at Nepean Sea Road.	5,735 0 0	.....	2,782 4 3	30th Apl. 1910.

New Works, &c.—(*continued.*)

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR.—*contd.*				
	Drainage—contd.				
65	Construction of Offices for the Head Plumber and the Drainage. Staff, Quarters for the Drainage Staff and fencing at Babula Tank.	45,320 0 0	.....	19,829 4 1	27th May 1910.
66	Providing an extraEjector at the junction of DeLisle Road and Fergusson Road and the duplication of the gravitating sewer in DeLisle Road, North.	79,195 0 0	.....	77,796 9 6	28th Feb. 1911.
67	Sewerage of Malabar Hill District Sectional.	6,48,488 0 0	.....	6,46,502 10 5	22nd July 1909.
68	Provision of Ejectors in the Colaba District.	99,265 0 0	.....	59,721 12 1	28th Feb. 1911.
69	Laying 9″ pipe sewer at Elphinstone Road.	7,094 0 0	.....	6,230 14 2	31st Mar. 1910.
70	Completion of house drainage connection in the different parts of the City.	8,87,876 6 9	.....	6,51,915 12 10	28th Feb. 1911.
71	Construction of permanent manholes over drains.	37,304 0 0	.....	26,524 15 6	Do.
72	Construction of relieving arches in the Falkland Road S. W. Drain.	28,200 0 0	.....	22,534 6 0	Do.
73	Connecting road watering stand posts and tanks with the Municipal sewer.	8,000 0 0	.....	5,536 8 10	Do.
74	Paving and making surface drainage connections to connect watering posts and water tanks to Municipal sewer.	5,000 0 0	.....	3,362 4 3	Do.
75	Opening and examining the 9″ pipe sewer in Colaba Road and replacing it by 9″ cast-iron pipes.	31,200 0 0	.....	26,104 8 8	Do.
76	Low level channels from Tardeo Flats to Worli Point.	13,72,120 0 0	.....	13,26,854 1 9	31st Mar. 1907.
77	Constructing a S. W. drain in New Purbhadevi Road.	36,662 0 0	.....	33,746 5 0	26th May 1909.
78	Constructing a S. W. Drain in Mayo Road from Queen's Statue to Church Gate Street.	11,642 0 0	.....	9,242 11 8	18th May 1909.
79	Constructing a S. W. Drain in DeLisle Road, North of Arthur Road.	58,969 0 0	.....	54,818 12 0	5th June 1909.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.	
	Drainage—contd.				
80	Constructing a S. W. Drain in Mayo Road from Church Gate Street to Bandstand.	24,519 0 0	.....	21,182 3 3	23rd May 1909.
81	Extension of Low-level channel No. 2 from DeLisle Road to Dadar Road.	2,88,616 0 0	.....	2,25,866 4 11	31st May 1909.
82	Sewerage of Parel District (Sectional.)	5,58,368 7 6	.....	4,66,272 3 7	31st May 1903.
83	Sewerage of Fergusson Road and Chinchpokli Sectional District.	2,60,054 8 1	.....	2,56,782 14 6	Do.
	Water Works.				
84	32″ Outlet mains from Malabar Hill to Chowpati.	62,932 0 0	.....	43,402 1 0	28th Feb. 1910.
85	Replacing 32″ Vehar Main for 1½ miles by 48″ steel main.	3,25,000 0 0	.....	2,07,332 12 8	30th June 1910.
86	Replacing the existing 3″ main in Mugbhat Cross Lane by a 5″ main.	4,540 0 0	.....	2,288 10 1	28th Feb. 1910.
87	Laying mains in A Ward	2,10,223 0 0	.....	27,509 8 4	31st Jan. 1911.
88	Laying an additional 9″ main running due west from a point on the 24″ main somewhat North of Government House Parel to join the 4″ main in Lady Jamshedji Road.	18,560 0 0	.....	8,444 8 9	30th June 1910.
89	Laying a 5″ main in Dadar Cumbharwada.	3,000 0 0	.....	6 4 0	28th Mar 1910.
90	The improvement of the conditions of the Storage of water at Malabar Hill Reservoir.	14,621 7 3	.....	8,079 0 6	30th Apl. 1910.
91	Removing and replacing the 32″ Vehar main, South of Coorla.	6,84,,934 0 0	.....	5,51,677 13 7	31st Dec. 1910.
92	Laying mains in B Ward	1,84,072 6 11	.....	45,189 2 2	Do.
93	Constructing office quarters and store rooms in G Ward at DeLisle Road for Water Works Branch.	22,980 8 0	.....	16,417 13 10	31st Jan. 1910.
94	Rendering the floor of filters Nos. 7, 8, and 9 at the Bhandarwada Reservoir with cement concrete and carrying out certain works to reduce leakage from the reservoirs and filters.	87,724 11 11	.....	73,776 9 8	30th June 1910.
95	Purchasing and fixing new pattern hydrants.	1,05,000 0 0	.....	1,04,412 9 7	31st Dec. 1909

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	Actual or probable date of completion.
		Rs. a. p.	Rs a. p.	Rs. a. p	
	WORKS COMMENCED BUT NOT COMPLETED, OR COMPLETED AND ACCOUNTS NOT CLOSED DURING THE YEAR.—*contd.*				
	Water Works—contd.				
96	Filtering materials and Labour for Malabar Hill Reservoir.	3,500 0 0	.....	996 4 3	1st Mar. 1910.
97	The 3″ main in Gunpowder Road to be replaced by a 5″ main and extended to join the 9″ main in Reay Road.	7,270 0 0	.....	4,785 11 6	31st Dec. 1909.
98	Replacing the existing 3″ main in Mazagon Road by a 5″ main.	7,914 0 0	.....	6,481 7 11	31st Dec. 1909.
	Cemeteries (Burning and Burial) Grounds.				
99	Constructing a boundary wall etc., for preparing a Burial Ground for Mahomedans at Antop Hill, Matunga.	24,987 4 0	.....	16,036 4 9	31st Jan. 1910.
100	Burning and Burial Ground at Mahim.	30,774 0 0	.....	27,698 5 2	28th Feb. 1911.
101	Burning and Burial Ground at Worli..	29,373 0 0	.....	19,684 6 2	28th Feb. 1911.
102	Providing a Burial Ground for the Portuguese Community at Haines Road.	27,996 0 0	.....	18,622 11 1	11th Dec. 1908.
103	Extension of the Sewri Cemetery.	16,989 8 0	.....	10,680 4 5	30th Apl. 1909.
	Disposal of Town Sweepings.				
104	Railway sidings platforms, etc., to carry town sweepings to Deonar.	8,44,000 0 0	.....	8,27,476 14 9	14th July 1910.
	Miscellaneous.				
105	Paving and enclosing dust-bin stands 1909-10.	5,000 0 0	.....	856 4 3	14th Apl. 1910.
106	Filling in Babula Tank with debris	67,000 0 0	.....	58,338 9 10	30th June 1910.
107	Providing 7 street refuges in the different parts of the City.	3,360 0 0	.....	2,641 5 7	30th June 1910.

New Works, &c.—(*continued*).

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March 1909.	REMARKS.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.				
	Buildings and Sanitary Structures.				
108	New Market at Chowpati ...	17,000 0 0	.....	63 0 0	Site not settled.
109	Market at Kamatipura ...	34,656 4 0	.....	29,741 0 2	Comr.'s sanction awaited to revised plans and estimates.
110	Construction of chawls etc., for Halalkhors and Bigaries at Chandanwady.	2,15,600 0 0	.....	.....	Work deferred.
111	Construction of chawls for Halalkhors on the site of the Night Branch Stable at Kamathipura.	1,19,000 0 0	.....	.....	Work deferred.
112	Construction of chawls etc., for Halalkhors at Arthur Road, South of Night Soil Depot.	78,000 0 0	.....	1,146 0 0	Do.
113	Construction of Buildings for Primary Schools.	5,00,000 0 0	.....	198 10 0	The work was to be shortly commenced.
114	Construction of a latrine and urinal at the junction of Vackmodia Street and Bapty Road.	4,810 4 0	.....	.....	Commissioner's sanction awaited for constructing the latrine and urinal on the new site at the junction of Khara Tank and Agiari Street.
115	Constructing a building for the Stores Office.	12,884 0 0	.....	.....	Work will be commenced after the removal of the carpenters' and painters' shops standing on the site.
116	Constructing shops on the Southern and Western frontages of the Arthur Crawford Markets.	38,732 0 0	.....	4,687 14 0	Work deferred.
117	Construction of a 40 seated latrine and 3 washing places at Tardeo Flats.	5,892 0 0	.....	.....	Tenders were about to be invited.
	Roads and overbridges.				
118	Construction of a new road through Cavel from Girgaum Road to Kalbadevi Road up to the Church of Lay of Health.	25,063 0 0	.....	90 4 0	The contract was about to be executed.
	Drainage.				
119	Cutting out rocky barriers in the channel of Love-Grove.	16,914 0 0	.....	116 6 0	Work in abeyance.
120	Construction of a broad V Shaped open drain from the top to the bottom of the Ravine on the Western side of Malabar Hill Reservoir.	11,901 0 0	.....	.....	Contract was about to be executed.

New Works, &c.—*(concluded.)*

Consecutive Number.	Description of Works, &c.	Sanctioned Grant.	Expenditure on completion.	Expenditure up to the end of March. 1909.	Remarks.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	
	WORKS SANCTIONED BUT NOT PROCEEDED WITH, OR POSTPONED FOR WANT OF FUNDS OR OTHER REASONS.—*(concld.)*				
	Water Works.				
121	9″ × 10″ pipe from Grant Road to Kamathipura.	13,000 0 0	.....	.....	The work was to be taken in hand shortly.
122	Distribution main in Tardeo and Gamdevi Roads.	9,870 0 0	.....	.....	Do. do.
123	Replacing the Vehar main for the whole distance between Coorla and Vehar.	6,96,500 0 0	.....	.....	Do. do.
124	Construction of quarters for the W. W. Staff at Babula Tank.	21,261 0 0	.....	.....	Work deferred.
125	Extending the 9″ main laid along the bank of the drainage channel across the proposed Foras Road from the Century Mill to join the existing 9″ main at Worli.	5,773 0 0	.....	.....	Work was to be taken in hand shortly.
126	Replacing the existing 3″ main in Mahomedan Street by a 5″ main.	5,430 0 0	.....	.....	Do. do.
127	Extending the 6″ water main from the Gate of the Sewri Cemetery to the Bulk Oil Depôt.	6,020 0 0	.....	.....	Do. do.
128	Fixing Deacon's meters on the distributing mains.	23,500 0 0	.....	10,567 8 0	Do. do.
129	Replacing the existing 3″ main in Huzria Street by a 5″ main.	5,390 0 0	.....	.....	Do. do.
130	Replacing the 3″ pipe on Arthur Road by a 6″ one and to extend it so as to join the 6″ main in Kalachowky Road.	3,406 0 0	.....	.....	Do. do.
131	Replacing the existing 3″ main in Bapoo KhoteStreet by a 5″ main.	6,924 0 0	.....	.....	Do do.
132	Constructing a culvert over the Tansa main at Arthur Road Level Crossing.	10,054 0 0	.....	.....	Work to be carried out by the G. I. P. Railway.

NEW WORKS.

PAVING CABSTANDS.

14. The work of paving cabstand at Princess Street sanctioned under Commissioner's No. 5290, dated the 26th May 1908 and referred to in the last year's Administration Report, was completed at a total cost of Rs. 3,679-3-5.

Paving Dust-bin Stands.

15. The work of paving dust-bin stands out of the grant sanctioned in the Budget for 1906-1907 and referred to in the last year's Administration Report was completed at a total cost of Rs. 5,274-13-9.

16. Tenders for similar work sanctioned in the Budget for the year 1909-10 were invited and that of Messrs. Abdulali Karimbhai & Co., being the lowest of the three tenders received was accepted by the Commissioner under his No. 29839 of 15th December 1909.

17. Orders to commence the work were issued to the Contractors on the 11th January 1910 and it was in progress at the end of the year.

18. The certified expenditure on the work upto the 31st March 1910 amounted to Rs. 856-4-3.

Constructing compound wall and filling in ground, &c. for the Portuguese Cemetery at Haines Road.

19. Further filling in of the ground to the extent of Rs. 9,373 has been sanctioned under the Commissioner's No. 36495 of 11th February 1910 and arrangements for inviting tenders were being made at the close of the year.

20. The following works which have been referred to in the last year's Administration Report were completed at the total costs noted against them :—

	Rs.	a.	p.
Constructing a pucca drain at the New Portuguese Cemetery at Haines Road	3,461	1	0
Constructing ten Lethal Chambers at the Bandra Slaughter Houses	7,733	13	4
Constructing Conservatory in the Victoria Gardens...	14,181	14	8
Constructing a Bears' cage in the Victoria Gardens...	10,366	4	6
Constructing chals for Halalkhors at Valpakhadi	1,61,327	8	0
Additions and alterations to the Sorabji Shapurji Bengalee Girls' School Building at Thakurdwar	9,674	6	3
Constructing an engine house and quarters for the Foreman at Byculla Fire Brigade Station	26,237	9	0
Renewing Butchers' chals at the Bandra Slaughter Houses... ...	22,020	5	4
Constructing a masonry wall on the North and West sides of the Haines Road Burning and Burial ground...	4,366	1	9
Constructing a chal for the Sluicemen at Worli Cleveland Bunder...	4,500	11	4
Constructing a Camel House in the Victoria Gardens	5,233	10	7
Constructing 2 New Chowkies for the Drainage Inspectors at Bapti and Charni Roads	13,083	15	6
Constructing Laskars' quarters at Byculla Fire Brigade Station ...	30,510	4	4
Constructing a Tigers' cage in the Victoria Gardens	16,521	4	1
Constructing a Night Branch stable at Arthur Road	62,101	4	2
Constructing New Ward Offices &c. for the Assessment Department and E Ward Offices of the Street and Building Branch at Sankli Street	22,869	13	6
Constructing a wall around the Roman Catholic Cemetery at Dharavi..	4,302	2	10

Schools for Primary Education.

21. As stated in the last year's Administration Report revised plans and estimates for the following schools were submitted to and approved of by the Government :—

(1) Primary School at the junction of Kumbharwada and Sandhurst Road.

(2) Primary School at Old Nagpada, Memonwada Road.

(3) Primary School at Morland Road.

22. Tenders for the first named two schools were invited and those (1) of Mr. Alli Mahomed Karimbhai Peer Mahomed for Kumbharwada School and (2) of Messrs. Ramji Keshavji & Co., for Memonwada School were accepted by the Standing Committee under their Resolutions Nos. 7429 of 10-3-10 and 7430 of 10-3-10 respectively.

23. No orders for the commencement of the works could be issued to the Contractors before the close of the year under report.

24. Arrangements for inviting tenders for the third school were being made at the close of the year.

25. The question of acquiring sites for Schools (1) at Ardeshir Dady Street and 1st Khetwadi Lane and (2) at Kazi Sayad Street was under consideration at the close of the year.

Constructing Bathing Places in the City.

26. The selection of sites for further bathing places out of the grant of Rs. 35,739 sanctioned under Corporation's Resolution No: 1734 of 20-6-1907 and referred to in the last year's Administration Report was under consideration at the close of the year.

Constructing Offices for F and G Wards Assessment Department at Elphinstone Road.

27. This work which is referred to in the last year's Administration Report was not completed by the Contractors Messrs. Meghji Bhanji & Co., in accordance with the terms of their Contract and one of the partners of the firm Mr. Kanji Bhanji having become Insolvent, their Contract was terminated and the unfinished portion of the work was entrusted to Mr. Damji Hemchand as per Commissioner's No. 28196 of 30th November 1909, who was requested to complete the same within 2 months from the 15th December 1909 but he also having failed to complete it within that time it was in progress at the close of the year.

28. The certified expenditure on the work amounted to Rs. 8,671-4-3 at the end of the year.

Constructing (1) shops on the Southern & Western frontages of and (2) removing the existing Birds' and Animals' shops and reconstructing them on another site at the Arthur Crawford Markets.

29. As stated in the last year's Administration Report, the work of constructing shops on the Southern & Western frontages of the Arthur Crawford Markets was suspended and no settlement was arrived in the matter upto the close of the year.

30. The work of removing and reconstructing the birds' and animals' shops was completed and a final bill for the work was passed on for payment to the Chief Accountant but the Contractors Messrs. Lowji Trimbak and Co., having raised an objection to certain rates in the same the matter was not settled at the close of the year.

Removing the existing milch cattle stable and Constructing Bigaries Chals on its site at Cochin Street.

31. Grants of Rs. 500 and Rs. 59,402, having been sanctioned for the respective works by the Corporation under their Resolution No. 4288 of 8th October 1909 tenders were invited and the one of Messrs. Ramji Keshavji and Co., being the lower of the two tenders received was accepted by the Standing Committee under their Resolution No. 7886 of 17th March 1909. Orders to commence the work were issued to the Contractors on 26th May 1909 and the work was in progress at the close of the year.

32. The certified expenditure passed on the work upto the 31st March 1910 amounted to Rs. 49,145-8-11.

Additions and alterations to several Fire Brigade Stations.

33. A grant of Rs. 13,909 was provided in the Budget for 1909-10 for making additions and alterations to the Fire Brigade Stations at (1) Colaba, (2) Bhuleshwar, (3) Babula Tank, (4) Gamdevi and (5) Chinchpokli. But as the building of the Old Bhuleshwar Fire Brigade Station was not in a sufficiently sound condition to bear the weight of an additional storey the work of additions &c., to that building was deferred and the question of removing and reconstructing the whole building was dealt with separately. The market rates for labour and materials having risen considerably, the estimates for the works at the remaining Fire Brigade Stations were revised and tenders were then invited and the only tender received from Messrs. Bhasker Yadav Joshi and Co., was accepted by the Standing Committee under their Resolution No. 7157 of 17th February 1909. Orders to commence the works were issued on the 1st April 1909 and the work was completed at a total cost of Rs. 12,437-12-7.

Constructing A Ward Offices for different Branches of the Executive Engineer's Department at Mint Road.

34. A grant of Rs. 25,347 having been sanctioned by the Corporation under their Resolution No. 7915 of 12th March 1908, tenders were invited and the one of Messrs. Gopal Shivaji and Co., being the lowest of the four tenders received was accepted by the Standing Committee under their Resolution No. 3748 of 9th September 1908. Orders to commence the work were issued to the Contractors on 1st April 1909 and the work was completed at the close of the year but the amounts were to be adjusted.

35. The certified expenditure on the work upto the 31st March 1910 amounted to Rs. 16,633-4-3.

Constructing Offices for the Head Plumber and Drainage Staff, quarters for Drainage staff and fencing at Babula Tank.

36. A grant of Rs. 36,745 having been sanctioned under the Corporation's Resolution No. 529 of 29th April 1907, tenders were invited and the only tender received from Mr. Kanji Bhanji was not accepted as it exceeded this Office estimate by Rs. 6,645-10-0. As this excess was due to a considerable rise in the market rates for labour and materials, the original estimates which were framed some years ago, were revised in accordance with the current market rates and the tenders were re-invited; but only one tender from Messrs. Lowji Trimbak and Co., was received which was accepted by the Standing Committee under their Resolution No. 1088 of 2nd June 1910 and the same being in excess of the amount originally sanctioned, an additional grant of Rs. 8,575 was sanctioned by the Corporation under their Resolution No. 1496 of 17th June 1909. Orders to commence the work were issued to the Contractors on the 28th September 1909 and the work was in progress at the close of the year.

37. The certified expenditure on the work to the end of the year amounted to Rs. 19,829-4-1.

Construction of two Nurse's quarters with cook rooms at the Arthur Road Hospital.

38. A grant of Rs. 9,081 having been sanctioned in the Budget for 1909-10 tenders were invited and the one of Mr. Fazalbhai Peermahomed being the lowest of the three tenders received was accepted by the Standing Committee under their Resolution No. 3787 of 29th September 1909. Orders to commence the work were issued to the Contractor on 15th December 1909 and the work was completed at the close of the year but the accounts were not finally settled.

39. The certified expenditure on the work upto 31st March 1910 amounted to Rs. 6,534-5-5.

Constructing Offices, quarters, stores room &c., for Streets and Buildings and Water Works Branches at DeLisle Road on the site of Foras Tank.

40. A provision of Rs. 43,396 was made in the Budget for 1909-10 for this work but the estimates had to be revised owing to the considerable rise in the market rates for labour and materials. Tenders were invited for the work when the one of Messrs. Manmohandas Goverdhandas and Co., being the lower of the two tenders received was accepted by the Standing Committee under their Resolution No. 7344 of 24th February 1909 and the same being in excess of the amount originally sanctioned an additional grant of Rs. 2,515 was sanctioned by the Corporation under their Resolution No. 7724 of 11th March 1909. Orders to commence the work were issued to the Contractors on the 1st April 1909 and the work was completed at the close of the year.

41. The certified expenditure on the work to the close of the year amounted to Rs. 32,835-11-8.

Constructing Quarters for an Engineer at the Sankli Tank Fire Brigade Station.

42. A provision of Rs. 4,290 having been made in the Budget for 1909-10 for this work tenders were invited and the one of Messrs. B. Laxman & Co., being the lowest of the three tenders received was accepted by the Municipal Commissioner under his No. 20834 of 1st October 1909. Orders to commence the work were issued to the Contractors on the 6th December 1909, and the work was completed at a total cost of Rs. 3,805-4-7.

Constructing a Shawl for the Commissariat Butchers at the Bandra Slaughter Houses.

43. A grant of Rs. 6,339 was sanctioned for the work under the Corporation's Resolution No. 5350 of 28th November 1907 but the estimate had to be revised owing to the considerable rise in the market rates for labour and materials and tenders were then invited when the one of Messrs. Abdulalli Karimbhai & Co., being the lowest of the three tenders received was accepted by the Standing Committee under their Resolution No. 7887 of 17th March 1909 and the amount of the same being in excess of the grant originally sanctioned, an additional grant of Rs. 881 was sanctioned by the Corporation under their Resolution No. 171 of 8th April 1909. Orders to commence the work were issued to the Contractors on the 15th May 1909 and the work was completed at a total cost of Rs. 6,695-11-1.

Construction of a Fire Brigade Station at Bhuleshwar.

44. Provision of Rs. 12,300 and Rs. 7,500 having been made in the Budget out of Revenue and Capital respectively for this work tenders were invited and the one of Mr. Haji Ahmed Haji Suleman being the lowest of the three tenders received was accepted by the Standing Committee under their Resolution No. 2529 of 4th August 1909. Orders to commence the work were issued to the Contractor on the 10th December 1909 and the same was in progress at the close of the year.

45. The certified expenditure on the work upto the 31st March 1910 amounted to Rs. 1,835-10-9.

Construction of new quarters for the Inspector Coorla Deonar Railway Works.

46. A grant of Rs. 7,684 was sanctioned for the work under the Corporation's Resolution No. 5184 of 15th November 1906 but the estimate had to be revised owing to the considerable rise in the market rates for labour and materials and tenders were then invited for the work when the one of Mr. Fazal Pir Mahomed being the lowest of the three tenders received was accepted by the Standing Committee under their Resolution No. 4842 of 24th November 1909 and the same being in excess of the grant originally sanctioned an additional grant of Rs. 1,706 was sanctioned by the Corporation under their Resolution No. 5289, of 13th December 1909. Orders to commence the work were issued to the Contractor on the 15th March 1910 and it was in progress at the close of the year.

Construction of a Platform and a metalled road in the compound of the Gun Carriage Factory at Colaba.

47. A grant of Rs. 7,410 was sanctioned for these works by the Corporation under their Resolution No. 3876 of 4th October 1909.

48. Tenders were invited for the platform work and the one of Messrs. Abdulali Karimbhai and Co., being the lowest of the seven tenders received was accepted by the Municipal Commissioner under his No. 37080 of 16th February 1910. Orders to commence the work were issued to the Contractors on the 7th March 1910 and the same was in progress at the close of the year.

49. The other work of providing a metalled road is being executed through the Road Branch of this Department and the same was also in progress at the close of the year.

Filling in Babula Tank.

50. The Corporation under their Resolution No. 3032 of 3-8-08 voted Rs. 37,000 for filling in the Babula Tank, the material used being the debris of houses demolished by the Bombay Improvement Trust, (Scheme No. III) and given by them free of charge. The above amount was to be met from Surplus Loan and other balances pending subsequent adjustment against the sale proceeds of the land, if sold, or against a new loan to be raised thereafter.

51. A further grant of Rs. 30,000 for the same purpose was made under the Corporation's Resolution No. 6185 of 7-1-1909.

52. The total area reclaimed upto the end of the year was about 9,600 sq. yards at an expenditure of Rs. 58,412-7-10.

53. No more house debris being available after December 1909, clean road scrapings obtained from adjoining roads were used for filling. It is expected that by the end of the year 1910-11 the whole of the tank will be filled up and levelled.

Extension of the Sewree Cemetery.

54. A grant of Rs. 16,989-8-0 having been sanctioned by the Corporation under their Resolution No. 2564 of 13-7-08 tenders were invited for the work and the one of Messrs. Virji Teju & Co., being the lowest was accepted.

55. Orders to commence the work were issued to the Contractors on 1-12-08 and the work was completed at the beginning of the year under report but the accounts were not adjusted.

56. The certified expenditure on the works upto 31st March 1910, amounted to Rs. 10,680-4-5.

Constructing a compound wall &c., for preparing the Burial Ground for Mahomedans at Antop Hill, Matunga.

57. A grant of Rs. 24,987-4-0 having been sanctioned by the Corporation under their Resolution No. 5353 of 26-11-08 tenders were invited for the work and that of Messrs. Virji Teju & Co., being the lowest was accepted.

58. Orders to commence the work were issued to the Contractors on 1-6-1909 and the work was completed at the end of the year under report but the accounts were not adjusted.

59. The certified expenditure on the work upto 31st March 1910, amounted to Rs. 16,036-4-9.

Disposal of Town Sweepings in the City.
Coorla Deonar Railway Works.

60. No new works were undertaken during the year.

61. The area reclaimed during the year was about 10 acres thus bringing the total area to about 136 acres.

62. The kutchra received during the year was spread by the side of the earthen bund up to 2¾ mileage from culvert No. 6, thus almost supporting the whole of the earthen bund against the action of the sea.

63. There was no accident to the trains or fire in the kutchra during the year.

64. Owing to the increased length of the working siding which prevented the shunting operations being carried out within the time of half hour allowed in the agreement with the Railway Company, the Engine detention charges at Rs. 5 per hour per trip were paid almost throughout the year.

65. There was no Epidemic disease amongst the employees during the year under report. The death rate was 14 per mille which is an improvement over the preceding year's record. The Sub-Registrar, F Ward, visited the camp thrice a week and attended to the sick and the making up of medicines etc., which were administered to the staff at Municipal expense.

66. The maintenance of the school at Deonar was continued by the mission for the depressed classes. The attendance at the school was fairly good during the year.

C.

DRAINAGE LOAN WORKS.

FERGUSSON ROAD AND CHINCHPOKLI SEWERAGE WORKS.

67. The Contractors, Messrs. Deoram Keshavji & Co., have not yet submitted their final bill and the balance due to them still remains unpaid.

MALABAR HILL SECTIONAL SEWERAGE WORKS.

SUB-DISTRICT No. I.

68. No damage of any kind was done either to the Sea walls or to the Biological Installation during the last monsoon.

SUB-DISTRICTS Nos. II & III.

69. All the sewers and the Ejector Stations in these sub-districts, together with all the sealed sewage mains and the air mains, were completed before the rains and the charge of the works was taken by the Municipality from the Contractors. During the year, notices were served on several house-owners to connect their premises to the sewers. The whole of the sewerage system in these sub-districts has been working satisfactorily.

70. The total certified expenditure on the whole of the Malabar Hill Sectional Sewerage Works upto the end of the year amounted to Rs. 6,46,509-10-5.

CUTTING OUT ROCKY BARRIERS IN THE CHANNEL AT LOVE GROVE.

71. This work is still held in abeyance as no Contractors are willing to undertake it, but the New Outfall Sewer at Love Grove may render this work unnecessary.

EXTENSION OF THE LOW LEVEL CHANNEL NO. II. FROM DELISLE ROAD TO DADAR ROAD.

72. The work was completed by the 31st of May 1909. The construction of these channels has worked a great improvement in the neighbourhood. Vast pieces of land, which used to remain under water long after the rains, and in some cases even in the months of April and May, are now rapidly drained off during the rains and remain dry during the fair season. Several tributory drains in important roads converging towards Jacob Circle and in other parts of low lands, which have been constructed in connection with these channels, have also effectually remedied the serious flooding which used to take place in several low lying parts of the City.

73. The total expenditure on the work amounted to Rs. 2,25,866-4-11.

ADDITIONAL PIPE SEWER IN DELISLE ROAD, NORTH, AND AN EXTRA EJECTOR STATION AT THE DELISLE ROAD LEVEL CROSSING.

74. The whole of the work of fixing the tubbing and the ejector was completed during the year. The additional pipe sewer was also almost wholly completed, only a very small length remaining to be done at the close of the year. It is expected that the whole of the works will be completed about the middle of May 1910. The provision of the additional sewer and the new ejector station, and the re-arrangement for the discharge of the exhaust air from both the old and the new Ejectors through a large ventilating shaft, has done away with the great nuisance which used to be felt at the DeLisle Road Level Crossing, and no bad smells are now perceived at the place in question.

75. The total certified expenditure upto the end of the year was Rs. 78,441-15-7.

LARGER EJECTORS IN THE COLABA SUB-DISTRICTS Nos. III, IV & V.

76. Ejectors and tubbing which were reported in the last report as being shipped by the Makers have been duly received in Bombay. The excavation at the Ejector Station No III has already been completed and the fixing of the tubbing is well in hand and it is expected that this Ejector Station will be entirely completed before the end of this fair season. The excavation for the Ejector Station No. IV is also in hand.

77. The total certified expenditure upto the end of the year amounted to Rs. 59,319-10-7.

STORM-WATER DRAIN IN MAYO ROAD FROM QUEEN'S STATUE TO CHURCH GATE STREET.

78. Tenders for this work were invited and made returnable on the 22nd day of March 1909. Two tenders were received, out of which that of Messrs. Bhomaji Shivaji & Co., amounting to Rs. 8,634-2-2, being the lower, was accepted by the Standing Committee under their Resolution No. 8157 dated 31st March 1909. The work was commenced on the 16th day of April 1909 and completed on 18th May 1909.

79. The total expenditure on the work amounted to Rs. 9,212-11-8.

STORM-WATER DRAIN IN MAYO ROAD FROM CHURCH GATE STREET TO BAND-STAND.

80. Tenders for this work were invited and made returnable on the 22nd day of March 1909. Only one tender was received, namely, from Messrs. Teju Kaya & Co., amounting to Rs. 20,096-0-6, and it was accepted by the Standing Committee under their Resolution No. 8157 dated 31st March 1909. The work was commenced on the 17th day of April 1909 and completed on 23rd May 1909.

81. The total expenditure on the work amounted to Rs. 21,182-3-3.

STORM-WATER DRAIN IN NEW PARBHADEVI ROAD.

82. Tenders for this work were invited and made returnable on the 22nd day of March 1909. Two tenders were received, out of which that of Messrs. Teju Kaya & Co., amounting to Rs. 32,543-12-2 being the lower was accepted by the Standing Committee under their Resolution No. 8157 dated 31st March 1909. The work was commenced on the 17th day of April 1909 and completed on 26th May 1909.

83. The total expenditure on the work was Rs. 33,746-5-0.

STORM-WATER DRAIN IN DELISLE ROAD, NORTH OF ARTHUR ROAD.

84. Tenders for this work were invited and made returnable on the 22nd day of March 1909. Four tenders were received, out of which that of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co., amounting to Rs. 44,194-12-5 being the lowest was accepted by the Standing Committee under their Resolution No. 8157 dated 31st March 1909. The work was commenced on the 16th day of April 1909 and completed on 5th June 1909.

85. The total expenditure on the work amounted to Rs. 44,508-0-11.

STORM-WATER DRAIN IN KHETWADI BACK ROAD.

86. Tenders for this work were invited and made returnable on the 27th day of September 1909. Four tenders were received, out of which that of Messrs. Teju Kaya & Co., amounting to Rs. 27,301-10-8 was accepted by the Standing Committee under their Resolution No. 4144 dated 13th October 1909. The work was commenced on the 27th day of October 1909 and completed on the 8th December 1909.

87. The total expenditure on the work amounted to Rs. 25,650-3-11.

STORM-WATER DRAIN IN QUEEN'S ROAD FROM WODEHOUSE ROAD BRIDGE TO THE BANDSTAND.

88. Tenders for this work were invited and made returnable on the 5th day of January 1910. Only one tender was received, namely that of Messrs. Abdulalli Karimbhoy & Co., amounting to Rs. 10,220-1-5 and it was accepted by the Standing Committee under their Resolution No. 6123 dated 19th January 1910. The work was commenced on the 1st day of March 1910 and was making satisfatory progress at the end of the year. The contract date for the completion of the work is the 30th of April 1910, and the work is expected to be completed within the contract time.

89. The total certified expenditure upto the end of the year amounted to Rs. 108-5-8.

NEW EJECTOR STATION, DIVERSION OF SEALED SEWAGE MAIN AND PIPE SEWERS AND NEW PIPE SEWERS AND STORM-WATER DRAINS IN CONNECTION WITH THE NEW ELPHINSTONE ROAD OVER-BRIDGE.

90. The Corporation sanctioned a grant of Rs. 1,38,517, for the above works under their Resolution No. 1658 dated 24th June 1909. Tenders for the construction of the storm-water drains were invited and that of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co., amounting to Rs. 24,232-10-0 being the lowest was accepted by the Standing

Committee under their Resolution No. 5200 dated 8th December 1909. The whole of the work of the storm-water drains, excepting a portion under the Railway, was completed before the end of the year, while that under the Railways was nearing completion at the close of the year.

91. All the necessary machinery for the new tubbing and the ejectors has already arrived in Bombay and the excavation for the Ejector Station and the fixing of the tubbing and the ejectors will be taken in hand immediately after the rains. The diversion of the pipe sewers and laying additional pipe sewers is well in hand and it is expected that considerable progress will be made before the end of this fair season.

92. The total certified expenditure on the works upto the end of the year amounted to Rs. 1,07,546-5-2.

SURFACE DRAINAGE SCHEME FOR HIGH LANDS.

93. The Deputy Executive Engineer, Drainage, under his No. S.D. 1368 dated 5th November 1909, put forward a Scheme for the effectual disposal of storm-waters of the High Lands lying between Love Lane on the South, Bhoiwada Cross Road on the North, Parel Road on the West and the Harbour on the East. The total cost of the Scheme amounted to Rs. 21,10,410-0-0. This was considered by a Special Committee of the Corporation appointed under their Resolution No. 6296 dated 24th January 1910 and the Corporation under their Resolution No. 7163 dated 28th February 1910 finally approved of the Scheme and gave their sanction to the construction as early as possible of a part of the Scheme, *i. e.*, of the Storm-Water Drain from the Outfall at Lakri Bunder to the Junction of Reay Road and Connaught Road at a cost of Rs. 6,29,223-0-0. Provision has been made for the construction of this drain in the Budget for the year 1910-11, and arrangements will be made for the invitation of tenders for this work so as to put the work in hand early in October next. It is hoped that when the above Scheme is carried out in its entirety, the very serious flooding that now takes place in and near Parel Road, Sopari Baug Road, Bhoiwada Cross Lane, Kalachowki Road and Connaught Road, will be greatly reduced.

D.

DRAINAGE ORDINARY WORKS.

HOUSE DRAINAGE CONNECTIONS.

94. The street portion of the house drainage connection work in the City was carried out departmentally during the year, and 331 connections were made at a total cost of Rs. 14,447-5-4.

95. In addition to these, 60 storm-water connections were made at a cost of Rs. 1,934-0-4.

96. Several branch drains of 6" diameter were laid for bringing certain premises, required to be drained within 100 feet of the Municipal Sewers, as required by Section 231 of the Municipal Act. About 165 estimates and 1,600 plans were prepared for Notices under Sections 230, 231, 232 and 232A of the Municipal Act.

97. Action was taken under Section 231 of the Municipal Amendment Act, calling upon the owners of the properties comprised in the Malabar Hill sewerage district to connect their premises with the new sewers. Of the 43 Notices served, 33 were complied with during the year and in the remaining 10 cases the works were in progress.

98. The work of remodelling the groups or blocks of buildings draining into common house gullies, referred to in the last Administration Report, was continued and the following house gullies were remodelled during the year out of funds voted for the purpose, the expense being subsequently recovered from the house owners as provided under Section 232A of the Municipal Act:—

Serial No.	Job No.	Particulars and situation of General House Gullies.	Estimated cost.			Actual cost.			Remarks.
			Rs.	a.	p.	Rs.	a.	p.	
1	31A	General house gully between 2nd Bhoiwada Street and 3rd Bhoiwada	2,801	0	0	1,805	3	5	
2	32A	General House gully between Alli Umer Street, Bapoo Khote Street & Banian Road	3,105	0	0	2,281	10	1	
3	36A	General House gully between Bhandari Street and Duncan Road	1,155	0	0	962	11	1	
4	37A	General House gully between Bamanji Street and Gunbow Street	671	0	0	514	5	8	
5	42A	General House gully between North brook Street, Durgadevi Road and Kumbharwada Street	1,877	0	0	1,577	10	7	
6	45A	General House gully between Dhaboo Street and Doctor Street	1,521	0	0	912	8	6	
7	47A	General House gully between West of Cawasji Patel Street and North of Barber Lane	148	0	0	147	3	0	
8	48A	General House gully between Janjikar Street, Sarang Street and Nagdevi Street	2,909	0	0	1,896	8	3	
9	50A	General House gully between Kumbharwada Street and Bhandari Street ...	1,369	0	0	1,324	11	9	
10	52A	General House gully between Bapoo Khote Street, Alli Umer Street and North of Masjid Street	1,299	0	0	.....			Accounts not yet Adjusted.
11	53A	General House gully between Temker Street and Shekh Buran Camoodin Street	4,528	0	0	.....			Do.

99. The work was carried out departmentally under the supervision of the Head Plumber.

100. As an experiment, alterations were made to the latrine at premises No. 127, Sarang Street, to make it self-flushing syphonically with the waste water from the nahanis at a cost of Rs. 767-11-0. The results are being watched.

PROVISION OF MANHOLES AND INSPECTION CHAMBERS OVER STORM-WATER DRAINS.

101. The work was taken in hand after the monsoon and was in progress at the close of the year. The certified expenditure then amounted to Rs. 1,417-3-4.

IMPROVED COVERS OVER WATER ENTRANCES.

102. These covers having been found effective were provided along the following roads and their cost met from Section 5 (a) Repairs and Alterations to Miscellaneous drains and gutters:—

Meadows Street 20, Frere Road 99, Gilder Street, Club Road and Moreland Road 40, Khetwady Back Road and 3rd Lane junction 3, Haines Road 2, Parel Road 2 = Total 166.

MAINTENANCE AND UP-KEEP OF OPEN MAIN DRAIN AND LOW LEVEL CHANNELS.

103. A sum of Rs. 5,000 was provided for the work. It was taken in hand in August 1909 and was in progress at the end of the year. The expenditure amounted to Rs. 4,965-12-1.

104. A sum of Rs. 3,200 was provided for removing the silt and cleaning the above drains and the expenditure amounted to Rs. 3,144-11-8.

105. A grant of Rs. 1,000 was provided for repairing the flushing chambers and cisterns work, which was carried out departmentally at a total cost of Rs. 762-3-8.

PUBLIC LATRINES AND URINALS.

106. The construction of a 4-seated latrine and 2-seated urinal at the Babulnath Temple and a 2 seated Torfit pattern urinal at Cavel were being constructed by the Petty Works Contractor at the close of the year.

107. Twelve latrines and urinals in different part of the City were built by the Contractors Messrs. Abdulally Karimbhai & Co., at a cost of Rs. 13,888-10-7.

108. The work of constructing a 12-seated latrine at the junction of Arthur Road and Kalachowky Road was completed during the year by the Contractors Messrs. Abdulally Karimbhai & Co., at a cost of Rs. 5,090-4-3.

109. Construction of Relieving arches for strengthening the old main drain at Falkland Road was in progress at the close of the year. The expenditure incurred during the year was Rs. 9,670-14-6, the total expenditure being Rs. 22,539-13-0.

REPLACEMENT OF STONEWARE PIPES IN COLABA SECTIONAL DISTRICT BY CAST-IRON ONES.

110. A further grant of Rs. 5,000 plus Rs. 1,200 transferred from Section 2A. Out door Establishment was provided for this work and the work has been completed at a total cost of Rs. 26,174-4-8.

111. The diversion of sewers and storm-water drains at Mazagaon and Reay Roads necessitated by the Port Trust Railway was completed during the year at a total cost of Rs. 18,719-13-9 including 7½ per cent. for supervision leaving and unexpended balance of Rs. 6,566-2-3 due to the diversion of the drain alongside the Railway instead of under the rails.

CLEANING STORM-WATER DRAINS.

112. This work for which a grant of Rs. 6,000 was provided was started in October 1909 and completed at the close of the year. The total expenditure on the work amounted to Rs. 3,046-11-7.

CONSTRUCTION OF CHANNELS FOR DRAINING THE LEAKAGE ALONG THE LOWER PORTION OF MALABAR HILL.

113. This work which is referred to in the last Administration report was completed at a cost of Rs. 3,052-15-4.

PROVIDING STORM-WATER DRAINS.

114. The following three works costing over Rs. 3,000 each which were provided in the New Works Statement of the Budget, were carried out by Contract and completed during the year at the costs noted against them :—

Particulars.	Estimated cost.	Actual cost.	Savings.
	Rs.	Rs. a. p.	Rs. a. p.
Providing storm-water drain with water gullies and water tables at Thakurdwar Road at its junction with Girgaum Road and filling in the old side drains in Girgaum Road	3,918	3,088 15 7	829 0 5
Providing storm-water drain with water entrances in Foras Road	5,109	4,284 4 7	824 11 5
Providing storm-water drain in Parel Road with half size water gullies	5,753	4,828 8 10	924 7 2
Total Rs...	14,780	12,201 13 0	2,578 3 0

115. Tenders were invited for the following two works provided in the Loan Works Budget but owing to the rocky nature of the soil no tenders were received :—

Laying a 6" pipe drain in the passage leading to Nepean Sea Road, Rs. 1,698.

Laying a 6" pipe drain in the passage behind the new building of Mr. Hormusji Vakil in Nepean Sea Road, Rs. 5,735.

116. The works were, therefore, taken in hand departmentally by the Head Surveyor, House Connection Works and the former was completed within a month at a cost of Rs. 1,250-3-10. The latter work was not commenced until the end of November 1909, owing to certain objections raised by Mr. Hormusji N. Vakil. Subsequently the pipe line was allowed to be laid through the compound of H. H. the Gaikawar's premises and the work was approaching completion at the close of the year.

117. The work of diverting 15" pipe sewer and providing a 9" C. I. pipe sewer under the Arthur Road Over Bridge was in progress at the end of the year.

PURCHASE OF A CEMENT TESTING MACHINE.

118. A new Cement Testing Machine was purchased from Mr. Patrick Adie of Westminister at a cost of Rs. 437-6-5.

119. Three samples of cement were tested at the request of various importing Firms on payment of a fee of Rs. 5 each.

MISCELLANEOUS.

120. Works to the extent of about Rs. 51,507 including the repairs and alterations to and flushing and cleaning of sewers and drains generally, and making minor additions thereto, and the drainage arrangements of the various health camps were carried out under the supervision of the Chief Inspector, Drainage. Out of these, works costing about Rs. 18,846 were carried out departmentally and the rest were executed through the agency of the Petty Works Contractor.

121. Daily reports in the prescribed form showing the progress made in the work of cleaning main sewers and pipe sewers by means of scrapers and discs were submitted by the Chief Inspector.

E.

WATER WORKS.

Tansa Lake.

122. The rainfall for the year 1909 was 101·87 inches or 129·64 per cent. of 78·58 inches which was the average rainfall during the previous 5 years, as follows :—

73·90	inches in 1904.
56·74	„ in 1905.
75·96	„ in 1906.
96·10	„ in 1907.
90·18	„ in 1908.

123. On 6 days the rainfall exceeded 3 inches and on 28 days it ranged between 1 and 3 inches.

124. The lowest level of water in the Lake during the year was 395·03 T. H. D. on the 8th June 1909 ; the mean of the three lowest levels during the years 1906, 1907 and 1908 being 393·97 T. H. D.

125. The water in the Lake overflowed on the 6th July 1909, when the monsoon rainfall amounted to 33·67 inches.

126. The total quantity of water received in the Lake from 1st June 1909 to 1st October 1909, including that which overflowed at the Waste weir (*viz.*, 28,684 million gallons) and that which passed into the duct in 122 days (*viz.*, 2,425 million gallons) amounted to 39,546 million gallons. This quantity of water is equal to 50·86 per cent. of the total rainfall of 101·87 inches during the period mentioned over the catchment area of 33,600 acres and amounting to 77,750 million gallons.

127. The quantity of water lost from the Lake from 1st October 1908 to 1st June 1909 was 8,418 million gallons, or an average of 34·64 million gallons per day. Of this quantity, 5,459 million gallons were let out in the duct, the rest *viz.*, 2,959 million gallons being lost by evaporation in 243 days from the mean Lake area of 5 square miles. This gives an average evaporation of ·166 inches per day or 4·98 inches per month.

128. The observed evaporation from the Lake surface was as follows :—

April 1909	6·2 inches.
May 1909	6·3 „
15 days of October 1909	3·4 „
November 1909	5·6 „
December 1909	4·8 „
January 1910	5·1 „
February 1910	5·4 „
March 1910	6·8 „

or an average of 5·8 inches per month during the months mentioned above.

129. Of 5,459 million gallons let out into the duct at Tansa from 1st October 1908 to 1st June 1909, 4,040 million gallons passed through the Venturi meter at Kurla into Bombay, the balance being lost by leakage, and evaporation from the duct, and overflow at different Syphon heads.

Vehar Lake.

130. The rainfall for the year 1909 was 115·26 inches or 163·4 per cent. of 70·54 inches which was the average of the rainfall during the previous 5 years as follows :—

1904	...	...	73·86 Inches.
1905	...	...	46·77 „
1906	...	...	67·03 „
1907	...	...	88·51 „
1908	...	...	76·54 „

131. On 11 days the rainfall exceeded 3 inches, and on 23 days it ranged between 1 and 3 inches.

132. The lowest level of the water in the Lake during the year was 247·54 T. H. D. on the 8th June 1909. The level of the water in the Lake on the 1st April 1910 was 254·91 T. H. D. or 3·57 feet higher than that on the corresponding date of the previous year.

133. The level of the water on the corresponding dates in the years 1905 to 1909 was :—

1st April.	1905	...	...	255·18 T. H. D.
	1906	...	...	245·25 T. H. D.
	1907	...	...	245·08 T. H. D.
	1908	...	...	253·25 T. H. D.
	1909	...	...	251·34 T. H. D.

134. The water in the Lake overflowed on 6th September 1909 when the monsoon rainfall amounted to 102·82 inches.

135. The total quantity of water received in the Lake from 1st June 1909 to 1st October 1909 was 8,667 million gallons allowing 16 million gallons per day for evaporation, leakage and supply to the City. Deducting out of this quantity 815·09 million gallons which were received from the waste weir of Tulsi Lake, the remaining quantity (7,851 million gallons) is equal to 77 per cent. of the total rainfall of 115·26 inches during the period mentioned, over the catchment area of 3,900 acres and amounting to 10,198 million gallons.

136. The quantity of water lost from the Lake from 1st October 1908 to 1st June 1909 was 3,961 million gallons or an average of nearly 16 million gallons per day including evaporation and leakage, while that from 1st October 1908 to 1st April 1910 was 3,296 million gallons or an average of 18 million gallons per day including evaporation and leakage. Of this the quantity that passed into Bombay through the 24″ and 32″ Venturi meters at Kurla was 10·88 million gallons per day showing a loss of 7·12 million gallons per day at the Lake due to evaporation and leakage.

137. The observed evaporation from the Lake surface was as follows :—

April	1909	...	...	...	...	...	3·3 inches.
May	„	...	...	...	...	...	6·2 „
15 days of October	1909	...	...	...	...		1·6 „
November	1909	...	...	...	...	...	3·0 „
December	„	...	...	...	...	...	3·1 „
January	1910	...	...	...	...	...	3·1 „
February	„	...	...	...	...	...	2·8 „
March	„	...	...	...	...	...	3·1 „
							26·2 inches.

138. This gives an average of 3·5 inches per month or an average of 3·44 million gallons per day for the mean Lake area of 1,300 acres.

139. The water from the Vehar Lake through 32″ main was taken into Bhandarwada and almost the whole of this was filtered before being supplied to the City, while water through the 24″ main was almost wholly unfiltered and was supplied to Bandora, Kurla, and northern portion of Bombay.

140. During the year there were the following bursts on the Vehar 32″ main.

(1) On 5th April burst on the 32″ main at Vincent Road.

(2) On 16th May burst on 32″ main between Chinchpookli and Curry Road.

(3) On 26 June burst on 32″ main north of Curry Road Railway Cabin.

(4) On 21st July burst on 32″ main south of Curry Road Station.

Tulsi Lake.

141. The rainfall for the year 1909, was 127·05 inches or 139·52 per cent. of 91·06 inches which was the average rainfall during the previous 5 years as follows:—

85·58	inches in	1904.
55·72	„	1905.
92·62	„	1906.
119·41	„	1907.
101·96	„	1908.

142. On 11 days the rainfall exceeded 3 inches, and on 24 days it ranged between 1 and 3 inches, the heaviest rainfall being 6·17 inches and 8 inches on 9th July 1909 and 5th September 1909 respectively. The highest level of water in the Lake during the monsoon was 456·23 T. H. D. on 14th July 1909. Overflow at the waste weir commenced on 15th July 1909 when the rainfall amounted to 65·05 inches.

143. The lowest level of the water in the Lake during the year was 437·11 T. H D. on 8th June 1909.

144. The level of the water in the Lake on the 1st April 1910 was 443·21 T. H. D. as compared with 442·62 T. H. D. on the corresponding date of the previous year.

145. The total quantity of water received in the Lake from 1st June 1909, to 1st October 1909, was 1,408·05 million gallons and allowing 5,074 million gallons per day for evaporation, leakage and supply to the City, and including the overflow from the waste weir (*viz.* 8,159 million gallons) amounted to 2,924·68 million gallons.

146. This quantity (2,924·68 million gallons) is equal to 59·71 per cent. of the total rainfall of 127·05 inches over the whole catchment area of 1,700 acres and amounting to 4,898 million gallons.

147. The quantity of water lost from the lake from 1st October 1908 to 1st June 1909 was 1,395·3 million gallons in 243 days equivalent to 5·74 million gallons per day including evaporation and leakage while that from 1st October 1909 to 1st April 1910 was 1,049·11 million gallons or 5·76 million gallons per day. Of this, the quantity that passed into Bombay through the 24″ Venturi meter near Bandora was 3·55 million gallons per day showing a loss of 2·21 million gallons per day at the Lake due to evaporation and leakage.

148. The observed evporation from the lake surface was as follows:—

April 1909	...	6·0 inches
May „	...	6·2 „
15 days of October 1909	...	1·6 „
November „	...	3·0 „
December „	...	3·1 „
January 1910	...	3·1 „
February „	...	2·8 „
March „	...	3·1 „

149. This gives an average of 3·85 inches per month or an average of ·87 million gallons per day for a mean Lake area of 300 acres.

MALABAR HILL RESERVOIR.

150. Two important works in connection with the Malabar Hill Reservoir were brought to a satisfactory conclusion during the year, *viz.*, laying a new inlet main from Chinchpokli to the Reservoir and a new outlet main from the Resesrvoir to Chaupati.

151. The work of laying the inlet main was commenced departmentally on 1st September 1908 and Tansa water was first delivered into the Reservoir through the new

main on 7th September 1909, since which time the main has been in regular use. The regulation of the Tansa supply has considerably improved since the completion of the work, the diagrams from the 48" Venturi Meter at Kurla showing a marked improvement and we are now in a position to supply the Malabar Hill Reservoir at an increased rate of about 7,400 gallons per minute. The total grant sanctioned for the work of laying the new inlet main to Malabar Hill Reservoir was Rs. 2,87,978-0-2 and the total expenditure booked against the grant amounts to Rs. 2,78,925-8-7. The accounts for the work have not been finally adjusted but the outstanding bills if any will amount to only a few rupees and on the whole a saving of about Rs. 7,000 is anticipated in addition to about 400 feet of 24" piping which has been saved in the work and for which credit will be realized.

152. The work of laying the outlet main was commenced departmentally on 1st July 1909 and completed on 27th February 1910.

153. The benefit derived by laying the additional outlet main is an increase of about 13 lbs. per square inch of pressure at the Gamdevi junction and a corresponding improvement of about 10 lbs. per square inch of pressure at Floral Fountain.

154. The total grant sanctioned by the Municipal Corporation to meet the cost of the outlet work was Rs. 62,932 and the total expenditure booked against the grant upto the present is Rs. 43,456-4-2. Little expenditure remains to be incurred and a saving of about Rs. 9,000 will probably be realized on this work.

155. In addition to the inlet and outlet works, another important work at Malabar Hill Reservoir was commenced during the year and is now nearing completion, *viz:* improvements to the ventilation, draining the roofs from rainwater and general repairs to the roofs, &c. These works have been alluded to in the report for the year 1908-1909, they were commenced on 10th December 1909 after considerable difficulty in obtaining tenderers to carry out the same. Tenders were twice invited for the work but the only tenders received, quoted rates much above the estimates and had to be rejected; subsequently Messrs. Virji Teju & Co., came forward and offered to do the work at rates comparing fairly with the estimates, but still somewhat in excess, and on condition that a longer period of time might be allowed to them than that stipulated in the Contract. Their offer was accepted by the Standing Committee on 20th October 1909 and the work commenced on 10th December 1909 and is now practically completed.

BHANDARWADA RESERVOIR.

156. The water-proofing works at the Bhandarwada Reservoir, commenced on 26th March 1907, have been in progress throughout the year.

157. The following is a summary of the works that have been carried out at this Reservoir since 26th March 1907.

Locality.	Nature of work.	Remarks.
Filters 7, 8 and 9.	The joints of the masonry of floors and surrounding walls of these filters, have been raked out to a depth of 1½" to 2", carefully filled in with cement mortar and the entire surface of the masonry has been plastered, 1" thick with Portland cement and sand. Cement concrete draining channels have been arranged along the floors for carrying off the filtered water. The filtering materials have been thoroughly washed and replaced and additional sand to make the toatl depth of sand equal to 3 feet has been added to the filters.	
Filter No. 9 ...	On 16th September 1908 a crack was discovered along the haunch of one of the arches in this fitler. This crack was repaired in February 1909 by raking out, grouting and filling in the haunch with cement concrete.	
Vehar Inlet Channel.	The floors and walls of this channel have been treated in the same manner as the walls of filters Nos. 7, 8 and 9. The top of the channel walls has been raised about 9" and the timber covering refixed thereon.	

Locality.	Nature of work.	Remarks.
Filtered water channels.	The filtered water channels of all the filters have been treated in the same manner as the side walls of filters Nos. 7, 8 and 9.	
Filter No. 6 ...	The side walls of this filter and the cushion well therein have been raked out pointed and plastered with Portland cement and sand but all the filtering materials cannot be replaced as a drain is proposed to be laid under the floor of this filter.	A stoneware drain pipe with open joint is now proposed to be laid under the floor of filter No. 6 for carrying off subsoil water. This proposal has delayed the completion of the work in this filter.
Filter No. 5 ...	The side walls and cushion well in this filter have been rendered water-tight in the same manner as filters Nos. 7, 8 and 9. The floor has been picked up and the rock foundation levelled and a new cement concrete floor is being laid.	
Filter Nos. 1 to 4.	The only works that have been done in these filters, is raking out the joints of the masonry of the north wall above the sand level. Further works in these filters will be taken in hand during the year.	
Reservoir No. 1 ...	The inner faces of the masonry walls of the large central compartment of this reservoir have been repaired. The joints of the masonry were raked out to a depth of 1 " to 2" pointed with cement and sand and the whole surface of the masonry plastered with Portland cement and sand 1" thick.	
	Work in the south compartment will probably be taken in hand during the monsoon of 1910.	

158. The total expenditure on the Bhandarwada works upto the present time amounts to Rs. 77,639-1-0 leaving an unexpended balance of Rs. 10,084-15-0.

159. Owing to the high rates for labour and the more serious defects discovered in the masonry works of this reservoir, there is no prospect of the whole work being completed within the sanctioned grant; in order to satisfactorily complete the work additional funds will, in due course, have to be provided.

160. The following statement shows the new water mains of all sizes, laid during the year :—

Locality.	Size of main.	Length of main.	Sanctioned Grant.	Date of commencement of work.	Date of completion of work.	The Expenditure incurred on the work up to 31st March 1910.	Remarks.
	Inches.	Feet.	Rs.				
Arthur Road	22	4,650					
Gilder Street	22						
Do.	32	4,900	2,85,978	19-8-08.	7-9-09.	2,78,926	Inlet Main to M. H. Reservoir.
New Gamdevi Road ...	32						
Babulnath 1st Cross Road to Malabar Hill Reservoir...	32	3,800		1-10-08.	7-9-09.		
Malabar Hill Reservoir to Chaupati...	32	1,666	62,932	1-7-09.	27-2-10.	43,456	Outlet Main from M. H. Reservoir.
Vincent Road	32						
Suparibag Road	32	,883	6,84,934	8-6-09.	Work in progress.	5,46,772	Diversion of 32 ins. Vehar Main South of Kurla.
Curry Road...	32						

Locality.	Size of main.	Length of main.	Sanctioned Grant.	Date of commencement of work.	Date of completion of work.	The expenditure incurred on the work up to 31st March 1910.	Remarks.
	Inches.	Feet.	Rs.			Rs.	
Kurla	48	5,700	3,25,000	1-12-09.	In progress.	2,07,333	Replacing of Vehar Main for 1¼ mile North of Kurla.
Gibbs Road...	24	538	Nil.	10-10-09.	29-10-09.	.....	
Hornby Road	15	2,700		15-1-10	26-3-10.		
Outram Road	6	750		10-2-10.	5-3-10.		
Napier Road	6	700		24-1-10.	31-3-10.		
Prescott Road	6	390		1-2-10.	28-2-10.		
Bastion Road	6	730		1-3-10.	In progress.		
Marine Lines	6	2,900	2,10,223	7-1-10.	Work in progress.	41,271	Laying Mains in A Ward.
Carnegy Road	6	450					
Carnac Road	5	1,900		1-2-10.			
Colaba Road	6	200		2-3-10.	Work in progress.		
Napier Road (Colaba) ...	5	200					
Beach Road	5	Nil.					
Chakla Street	8	1,695		1-5-09.	20-7-09.		
Carnac Road	9	770		21-10-09.	9-1-10.		
Husenkhan Khalifa Street.	5	469		10-11-09.	23-11-09.		
Janjikar Street	5	306		19-11-09.	23-2-10.		
Do.	5	455		2-3-10.	18-4-10.		
Bhajipala Road	6	415		20-11-09.	1-3-10.		
Do.	6	371		20-11-09.	1-3-10.		
Dhobi Street	5	817		16-11-09.	27-2-10.		
Memonwada Road... ...	5	777	1,84,072	26-11-09.	20-2-10.	48,169	B Ward.
Do.	5	420		26-11-09.	20-2-10.		
Bibijan Street	5	589		22-12-09.	13-1-10.		
Narayen Dhuru Street ...	5	341		29-12-09.	6-1-10.		
Nagdevi Street	5	560		10-1-10.	11-3-10.		
Barang Street	5	609		10-1-10.	25-2-10.		
Do.	5	461		10-1-10.	25-2-10.		
Old Bengalpura	5	391		23-3-09.	11-4-10.		
Jambli Street	9	466		24-3-10.	10-4-10.		
Mugbhat Cross Lane ...	5	905	4,540	18-12-09.	22-1-10.	2,651	
Suparibag Road	6	5,000	18,900	7-5-09.	31-8-09.	17,924	
Gunpowder Road	5	1,720	16,477	19-9-09.	10-11-09	12,651	
Mazagaon Road	5	2,025		18-11-09.	31-12-09.		
Wari Bunder Road ...	5	525		8-11-09.	21-11-09.		
Public passage North of Dadar Station	9	3,493	18,560	3-1-10.	Work in progress.	8,446	

LISTS OF BURSTS REPAIRED.

161. There were 117 bursts detected during the year as against 132 detected during 1908-09, 170 during 1907-08 and 97 during 1906-07 :—

61	Bursts on	3"	Mains.
20	„	4"	„
5	„	5"	„
13	„	6"	„
8	„	7"	„
1	„	17"	„
4	„	18"	„
5	„	32"	„
117			

162. The number of new connections made during the year was 644 including 28 branch connections. The connections cut off for various reasons numbered 288. The net increase therefore, in the connections is 356 or 1·6 per cent. The total number of connections now stands at 22,410.

163. The total number of meters at present in use is 2,954. Of these, 2,455 or 83·1 per cent. were removed and tested during the year with the following results :—

Stopped working	1,209
Working slow	160
Working fast	3
Test correct	1,083

164. These figures do not include a large number tested on the spot without removal.

165. The number of disconnection orders submitted to the Standing Committee from time to time during the year was 262. All these were sanctioned and have been dealt with as follows :—

(1)	Disconnections not enforced as the parties complied with the requirements	208
(2)	Disconnections enforced	54

Financial.

166. The budget grant for the maintenance of the Water Works, Ordinary Branch, for the year was Rs. 2,69,657-8-0 which with the lapsed grants renewed and with the transfers and additional grants sanctioned amounted to Rs. 3,18,397-15-5. The total expenditure incurred against this sum and paid for during the year amounted to Rs. 2,80,111-7-3. This shows an unexpended balance of Rs. 38,226-8-2, a portion of which will be renewed in 1910-11 to meet the liabilities incurred during the year.

WORKS DONE FOR MUNICIPAL DEPARTMENTS AND PRIVATE PARTIES.

167. The amount of work executed during the year compared with that of the preceding year, was as follows :—

	During 1908-09.		During 1909-10.	
	No. of bills.	Value.	No. of bills.	Value.
		Rs. a. p.		Rs. a. p.
Departmental Works	2,497	1,50,256 1 10	2,071	69,240 2 8
Private Works	588	9,827 1 6	529	11,481 5 10

WATER WORKS, SPECIAL BRANCH.

168. The Special Branch of the Water Works Department continued their operations throughout the year with the result that 760 underground and 5,397 above-ground defects were detected and remedied. Some of these defects were of a very extensive nature such as the joint leaks on the 32" Tansa main in Gilder Street, 27" Tansa main in Arthur Road and 15" main in Elphinstone Road and bursts, joint leaks, &c., on smaller mains.

169. The following comparative statement shows the total length of water main examined during the year under report and preceding years :—

	Excluding 2nd and subsequent tests.	Including 2nd and subsequent tests.
From 23rd December 1903, to 29th June 1904	209,834 feet.	273,497 feet.
From 1st July 1904, to 31st July 1905	502,731 ,,	8 7,754 ,,
From 1st August 1905, to 31st March 1906...	35,579 ,,	484,124 ,,
From 1st April 1906, to 31st March 1907	31,351 ,,	1,018,061 ,,
From 1st April 1907, to 31st March 1908	3,220 ,,	1,014,859 ,,
From 1st April 1908, to 31st March 1909	36,290 ,,	1,428,455 ,,
From 1st April 1909, to 31st March 1910...	35,160 ,,	1,492,957 ,,
	854,165 feet.	6,589,707 feet.

170. The total length of mains including those of larger diameter sounded during the year, was 39 miles and 1,685 feet.

171. The number of defect notices issued by the Water Works Department during the year, was 3,890 against :—

8,879 issued during the year 1904-05
7,514 ,, ,, ,, ,, 1905-06
5,072 ,, ,, ,, ,, 1906-07
3,371 ,, ,, ,, ,, 1907-08
4,496 ,, ,, ,, ,, 1908-09

172 Particulars of the defects and leaks detected and remedied from 1st April 1909 to 31st March 1910 are given in the statement attached :—

Summary of defects detected by the Special Branch Water Works at inspection &c., from the 1st April 1909 to 31st March 1910.

Nature of defects found on mains and underground portions of service pipes from the connections with the main up to and including the stop cocks.

Period.	Mains		Sluice valves.		Hydrants. Old pattern.		Hydrants. New pattern.		Service pipes, coupling, holes, &c.		Stop-taps. Old pattern.		Stop-taps. New pattern.		Disconnected service pipe.		Water post.	Miscellaneous (Meters, holes in main, etc.)
	Burst.	Joint.	Heavy.	Slight.	Heavy.	Slight.	Heavy.	Slight.	Broken.	Leaking.	Heavy.	Slight.	Heavy.	Slight.	Ferrule leak.	Pipe leak.		
April ... 1909	6	8	...	11	1	9	...	4	4	13	1	11	1	...	...	4	...	...
May ... „	1	1	...	3	...	6	...	...	2	1	1	13	...	10	...	1	3	..
June ... „	3	3	4	10	...	9	...	5	3	13	2	7	1	5	...	2	2	...
July ... „	1	3	1	10	...	11	...	17	4	20	...	9	...	2	...	4	1	3
August ... „	...	2	...	2	2	5	...	...	5	8	1	4	1	2	...	1	...	1
September „	...	1	...	8	1	13	...	4	2	25	...	22	...	4	...	1	...	4
October ... „	...	5	...	4	3	12	...	8	2	29	...	36	...	3	...	...	...	...
November. „	3	5	...	8	...	10	...	8	8	15	...	14	...	5	...	2	1	...
December. „	1	4	2	6	...	8	...	11	4	14	1	2	2	1	...	1	...	...
January ... 1910	...	2	...	8	...	5	...	7	1	13	...	4	...	...	...	...	...	...
February.. „	1	2	...	9	...	5	...	4	3	11	2	5	...	2	...	3	...	...
March ... „	1	...	...	9	1	7	...	3	2	12	...	5	...	5	...	1	...	...
Total ...	17	36	7	88	8	100	...	71	40	174	8	132	5	39	...	20	7	8

Nature of defects found aboveground beyond Road stop cocks and inside houses, &c.

Period.	Stop taps.	Bib tap, taper taps, &c. Out of order.	Bib tap, taper taps, &c. Leaking.	Bib tap, taper taps, &c. Left open.	Service pipe.	Ball valves out of order.	Storage tanks without ball valves.	Meter, Flange, coupling, &c.	Miscellaneous (masonry of trough, connection without bib taps, &c.)
April ... 1909	1	16	151	8	8	...	...	...	1
May ... „	2	20	221	...	17	...	...	1	1
June ... „	...	25	253	...	14	...	1	...	1
July ... „	...	30	222	23	9	3	...	...	1
August ... „	...	27	140	...	21	3	...	...	...
September „	1	25	194	23	10	5	...	1	2
October ... „	...	33	180	11	13	1	...	...	8
November. „	2	12	170	40	8	3	...	1	...
December. „	4	26	152	16	13	5	...	1	1
January ... 1910	2	38	202	...	20	5	...	4	1
February.. „	1	17	185	9	11	4	...	2	...
March ... „	...	19	163	...	11	5	...	3	2
Total ...	13	288	2,238	135	155	34	1	13	18

Total Number of Defects = 3,655 = (760 underground and 2,895 aboveground).

General statement of defects noticed by the House Fitting Inspector from 1st April 1909 to 31st March 1910.

Period.	Bib taps leaking.	Taps running full bore. Taps found left open and pipes without taps.	Ball valves and tanks out of order and leaking.	Stop taps leaking.	Service pipe leaking.	Hydrants Old pattern.	Hydrants New pattern.	Sluice valves leaks.	Bursts.	Miscellaneous.*	Remarks.
April ... 1909	109	18	1	8	39	2	1	3	.....	15	
May ... „	125	35	2	8	43	.....	1	.....	.....	15	
June ... „	77	42	2	9	26	.....	.....	3	.....	20	* Building work, broken meters, trading places where there is unmetered supply.
July ... „	67	23	5	9	25	.....	4	3	.....	25	
August ... „	135	53	3	4	23	.....	.....	1	.....	19	
September „	64	41	1	7	40	1	1	2	.....	24	
October ... „	85	38	5	58	21	2	4	2	.....	17	
November. „	112	49	13	10	32	2	2	.....	.....	9	
December. „	85	30	4	7	22	.....	.....	2	.....	8	
January ... 1910	70	27	9	14	47	.....	4	3	.....	20	
February.. „	132	43	2	12	36	5	1	1	.....	20	
March ... „	130	60	4	8	43	.....	2	.....	.....	11	
Total ...	1,191	459	51	149	397	12	20	20	.....	203	

Total Number of Defects = 2,502.

Grand Total of Defects detected from 1st April, 1909, to 31st March, 1910 = 6,157, = (760 underground and 5,397 aboveground).

173. The quantity of water found running to waste as noted at the inspection of the water mains is given in the following statement:—

		Wastage in gallons per hour.
April	1909	29,190
May	1909	8,600
June	1909	15,945
July	1909	24,025
August	1909	16,770
September	1909	25,595
October	1909	23,600
November	1909	52,300
December	1909	17,255
January	1910	11,925
February	1910	10,910
March	1910	10,575
	Total...	246,690

174. This emphasises the need for more rapid and frequent inspection of the water mains in the City than at present and in order to carry out this important object the staff of the Special Branch should be very early rearranged without waiting any longer for the re-organization of the Water Department.

Financial.

175. The Budget Grant allotted for the year for carrying on the works appertaining to the Special Branch, was Rs. 43,508 which with the lapsed grant renewed amounted to Rs. 43,517. The total expenditure incurred, including transfer, against this, amounted to Rs. 35,002-13-6.

176. This leaves an unexpended balance of Rs. 8,514-2-6.

F.

Regulations of Streets and Buildings.

177. Building applications.

Year.	Number of buildings for which plans were received and passed wholly or subject to certain conditions.
1905-1906	2,799
1906-1907	2,510
1907-1908	3,162
1908-1909	3,827
1909-1910	3,198

Notices and Summonses Issued.

178. 4,916 Notices were issued on house owners under various Sections of the Municipal Act. These were by 781 more than those issued during previous years.

179. Prosecutions were instituted in the Magistrate's Courts in 1,360 cases under different Sections of the Municipal Act against the house-owners who failed to comply with the Notices served upon them. In 533 of these cases the parties complied with the Municipal requirements before service of the Summonses which were therefore withdrawn. In 290 cases the parties were warned and discharged. In 339 cases they were convicted and fined and 198 cases were postponed to dates after the end of the current year. It is again necessary to draw attention to the large number of cases in which the Magistrates admit that the offences have been committed and yet fail to inflict any penalty.

180. The amount of fines realised was Rs. 2,991-10-0.

181. The following statement shows the different Sections of the Act under which the offenders were prosecuted and other details of the prosecutions during the year.

Superintendents of Divisions.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as the requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1910-1911.	Amount of Fines.
							Rs. a. p.
Superintendent, 1st Division ...	231	13	11	...	2	...	6 0 0
	247	1	1	...	...	...	...
	308	2	1	...	1	...	2 0 0
	322	18	18	...	...	...	...
	347	31	24	...	5	2	48 8 0
	353	1	1	...	...	...	...
	354	14	12	...	1	1	10 0 0
	353 A	13	7	1	3	2	23 0 0
	297 (3)	6	3	1	2	...	6 0 0
	349(B)	6	5	...	1	...	5 0 0
	349(C)	1	1	...	...	...	...
	349 B & C	1	1	...	...	...	...

Superintendents of Divisions.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as the requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year, 1910-1911.	Amount of fines.
							Rs. a. p
Superintendent, 2nd Division ...	231	9	3	5	1	...	3 0 0
	246	9	4	1	2	2	2 0 0
	247	2	...	...	2	...	9 0 0
	297 (3)	9	5	...	1	3	14 0 0
	308	11	7	1	2	1	6 0 0
	308 & 309	2	...	...	...	2	...
	322	56	49	1	2	4	8 0 0
	347	180	127	12	24	17	157 14 0
	353	16	10	...	3	3	18 0 0
	354	89	40	12	17	20	215 12 0
	Byelaw No. 29	1	1	...	...	...	...
	Do. 39	4	4	...	...	...	...
	353 A	75	44	5	11	15	70 0 0
	349 B	11	8	2	...	1	...
	349 C	3	1	2	...	...	...
	344	2	1	...	1	...	7 0 0
Superintendent, 3rd Division ...	247	1	...	...	1	...	7 0 0
	297	2	...	2	...	...	...
	308	4	2	1	...	1	...
	311	1	1	...	...	...	...
	322	16	6	9	1	...	2 0 0
	347	93	19	33	28	13	231 8 0
	353	27	6	12	9	...	50 0 0
	354	19	3	9	6	1	50 0 0
	353 A	75	13	27	28	7	180 0 0
	Byelaw No. 29	1	...	...	1	...	7 0 0
	Do. 39	2	1	1	...	...	...
	349 B	4	1	1	2	...	8 0 0
Superintendent, 4th Division ...	231	2	...	2	...	...	...
	247	1	...	...	1	...	5 0 0
	308	2	1	1	...	...	...
	313	1	1	...	...	..	...
	322	5	...	3	2	...	35 0 0
	329	2	1	...	...	1	...
	347	186	34	64	73	15	520 0 0
	353	33	9	13	9	2	58 0 0
	354	45	12	14	14	5	77 0 0

Superintendents of Divisions.	Number of Sections of the Act.	Number of Prosecutions.	Cases withdrawn as the requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases Postponed to next year 1910-1911.	Amount of Fines.
4th Division—contd.							Rs. a. p.
Superintendent, 4th Division ...	353 A	141	29	29	70	13	446 0 0
	Bye-law No. 29	5	1	2	2	...	14 0 0
	Do. 39	13	2	8	3	...	30 0 0
	349 C	1	...	...	1	...	7 0 0
	304	3	1	...	2	...	10 0 0
	344	1	...	1	...	...	...
Superintendent of Roads ...	308	1	...	1	...	...	...
	313	10	1	1	4	4	13 0 0
	322	3	...	2	...	1	...
	305	74	....	11	1	62	630 0 0
Total ...	.....	1,360	533	290	339	198	2,991 10 0

Unsafe or Ruinous Buildings.

182. 342 Notices were issued for the removal of unsafe, dangerous or ruinous buildings, 296 of these were complied with either partly or wholly. In 13 cases structures were removed by the Municipality and 33 cases were pending at the close of the year.

183. 17 buildings or parts of buildings fell down before they were observed by the Building Department. In 9 cases no injury was done and in the remaining 8 cases 10 persons were killed and 16 were injured.

Removal of Inflammable and Insanitary Huts.

184. Action was taken under Section 349 and 380 of the Municipal Act for the summary removal of 960 inflammable and insanitary huts. 931 of these were removed as required and 29 cases were pending at the close of the year.

185. The following statement shows the number of cases submitted to the Standing Committee for their sanction to the removal of unauthorized work during the year :—

Ward.	The number of cases in which applications were made to the Standing Committee for their sanction to the removal of unauthorized works.	The number of cases in which such sanctions were granted.	The number of cases in which the works were actually removed in accordance with the sanction of the Standing Committee.	The number of cases in which unauthorized works were allowed to remain with modifications.	Cases in which the parties took proceedings against the Municipality in a Court of Law.	Remarks.
A North ...	2	1	1	.....	.....	The other case under consideration of the Standing Committee.
C North ...	3	2	.....	1	.....	2 pending.
E West ...	1	.....	.....	.....	.....	Under consideration of the Standing Committee.
G ...	1	.....	.....	.....	.....	Do. do.

Street Improvement or Setbacks.

186. The amount available for street improvement for the year 1909-10 was as follows :—

CURRENT REVENUE.

	Rs.	A.	P.
Amount provided in the Budget	1,00,000	0	0

LOAN WORKS.

Grant provided in the Loan Works Budget ...	15,00,000	0	0
Total Rs. ...	16,00,000	0	0

187. Out of this amount the sum of Rs. 3,92,501-2-2 was actually paid during the year.

188. The following statement shows the areas and values of ground added to streets in each Ward during the year :—

Ward.	Areas in Square Yards.	Value.		
		Rs.	A.	P.
A	365·00	27,520	0	0
B	561·66	71,190	0	0
C	1,404·93	1,45,721	14	5
D	2,291·35	58,374	8	0
E	1,566·39	31,442	1	6
F	724·00	4,958	0	0
G	193·32	1,381	7	5
Total ...	7,106·65	3,40,587	15	4

189. The following table shows the number of (1) setback cases enforced, (2) setbacks added, (3) setbacks paid for and (4) the area of ground in square yards added to streets during the last five years :—

Year.	Setbacks enforced.	Setbacks added.	Setbacks paid for.	The area of ground added to streets (in square yards).
1905-06	259	194	161	6,250·21
1906-07	145	154	209	6,659·67
1907-08	137	133	125	7,263·46
1908-09	150	145	122	5,046·94
1909-10	112	137	120	7,106·65

G.

ROADS, FOOTPATHS, &c.

REPAIRS AND MAINTENANCE.

Road Repairs.

190. The following statement gives items of works executed out of the sanctioned grant for road repairs and maintenance.

Particulars.	Quantity of work done in square feet.	Expenditure.	Rate per square foot.
		Rs. a. p.	
Full Metalling	37,02,107	2,17,634 14 9	11·28
Full patching	6,76,642	32,551 7 1	9·23
Patching including sanding and sandstoning	.....	1,05,032 4 4	.....
Scraping and brushing	.....	44,731 11 2	.....
Repairs and maintenance of footpaths, bridges, culverts and road side retaining walls	.....	15,878 1 7	.....
Road side trees fencing and maintenance	.....	16,565 2 10	.....
Repairs, purchase and maintenance of tools and plant and other works incidental to the work of repairs to the roads, footpaths, &c.	.....	25,350 2 4	.....
Total...Rs.		4,51,743 12 1	

191. The rates for full-metalling and full-patching work out to 11·28 and 9·23 pies per 1 sq. foot or Rs. 5-14-4 and 4-13-0 per 100 sq. ft. respectively as against the standard estimated rates of Rs. 5-12-0 and 6-12-0.

192. Since the separation of the Roads and Buildings Branches in January 1909, each Road Inspector is made to keep a register of measurements of full-metalled portions of roads with details of receipts and issues of road materials.

193. Roads in the various parts of the City were disturbed by major operations of the various agencies as shown below :

Water Department	35,612	Rft.
Drainage Department	25,549	,,
Bombay Electric Supply and Tramways Co., Limited ...	12,329	,,
Telephone Co.	39,805	,,
Gas Co.	39,300	,,
Total	152,595	Rft.

Thus the road surface disturbed was nearly 29 miles out of a total of 160 miles of road in the City.

194. The roads in the Sewri District continued to suffer heavily from excessive traffic occasioned by the large reclamation works in progress, and the road leading to the Sewri Christian Cemetery had for this reason to be wholly remetalled at a cost of about Rs. 8,000.

195. Whilst the increase in road expenditure due to increased cost of materials and labour during last nine years has been 36 per cent. the grant for Road Repairs was augmented only to the extent of 23 per cent. and the area of road has increased by 5·42 per cent. The Corporation has this year sanctioned an additional sum of Rs. 21,000 but this is only for maintaining the increased area of roads.

196. The separation of the Roads from the Buildings Branch has permitted closer attention to be paid to the roads, and economy of expenditure.

197. As was shown in this Office report No. 6707 of 24-7-09 when compared with the figures of 1900 the grant was dificient to the extent of Rs. 68,732. It is well to remember that in the Administration Report of the year 1897-98 it is stated "I deem it necessary to observe, however, that notwithstanding this extra grant, it has not been practicable to keep the roads in a satisfactory condition. A large number of extensive roads made by the Port Trustees have been transferred to the Municipality for maintenance, under Section 37 of the Port Trust Act, and several large roads have been added to the City roads by the Municipality itself. Unless, therefore, additional grants are made by the Corporation in future years, the unsatisfactory condition of the roads will continue" and that this was before the large increase in the number of vehicles and the introduction of the new class of self-propelled high speed vehicles which were then practically unknown, the introduction of which is held by English Authorities to be responsible for an increase in the cost of road maintenance of from 50 to 100 per cent.

198. The value of road repair works done by the Road Branch on account of several Municipal Departments, for public bodies and private individuals has been Rs. 1,16,505-0-0.

Road Materials.

199. The total quantity of Road materials used during the year and their cost are as under :—

Description of material.	Quantity. C. ft.	Cost. Rs.	a.	p.
Metal	1,198,794	99,437	4	10
Sand	318,751	28,667	7	7
Sandstone	239,612	17,911	5	9
Rubble stone	42,949	3,988	10	3
Total Rs. ...		1,50,004	12	5

Steam Rollers.

200. Provision had been made for the purchase of two *small* steam rollers. It was however, thought advisable to purchase two rollers, one of standard type of 10 tons and the other of Mann's Patent Patching Roller weighing 9 tons and arrangements for this purchase were nearing completion at the close of the year.

201. The total number of steam rollers in use was 26.

New Roads.

202. A small road formed by widening the Old Depot Lane, was handed over by the City Improvement Trust to the Municipality for maintenance.

203. A street off Nepean Sea Road was taken over by the Municipality after the owners had complied with the requirements of Section 306 of the Municipal Act, and was named Setalwad Road.

Road Watering.

204. The vote for this was Rs. 70,000 plus a small balance of Rs. 638-8-9 which had remained unexpended during the previous year. This provision was found insufficient and had to be twice supplemented, the total grant ultimately amounting to Rs. 77,138-8-9. Against this, the expenditure was Rs. 76,411-0-10.

Fixing New Hydrants for Road Watering.

205. 327 standpost hydrants of the new type were fixed on roads in Colaba and Apollo Reclamations, Hughes Road and Reay Road. Also 470 underground hydrants were fixed, the majority on Malabar and Cumballa Hill Roads.

Oiling & Tarring Roads.

206. Following the practice which has been productive of good results in England and on the Continent, distilled tar has been obtained from the gas works and applied to some important roads in the Fort. Where the surface was in such condition as not to require an additional coat of metal, it was swept, coated with tar and a layer of sand spread over it, the traffic being kept off until the tar had set.

207. Where the road was in need of repair, the surface was broken up, re-formed and a coat of stone spread and rolled, and when the stone was consolidated, hot tar was poured over the surface so as to fill the interstices and a layer of clean sand spread over it. It is expected that the surface thus treated will last three to four times as long as ordinary macadam, the cost being about double that without tar.

208. So far as can be seen, the method of tar painting should be restricted to those places where the traffic is light in weight and small in amount, and it then proves effective.

209. The coating of a road with new stone, rolled to perfectly smooth surface and then grouted with boiling tar is on the whole so effective that it would be well to extend it to all roads in the City. With the present Budget allocation, however, this is not possible, and if any larger sum is voted, it will be necessary to import prepared tar at higher cost, as the supply from the gas works will be inadequate.

210. Of the road between the Crawford Market and Elphinstone College a portion measuring 564,000 sq. ft. was tar painted at a cost of Rs. 9,355-0-0 a rate of Rs. 1·66 per 100 sq. ft.

211. The total area of road newly coated with stone and grouted with tar was 1,670 sq. ft. and cost a rate of Rs. 11-8-0 per 100 sq. ft. including 3" layer of metal.

Tree Planting.

212. The grant of Rs. 5,000 for tree-planting was fully utilized.

Street Refuges.

213. Street refuges (combined with gas lamps) were constructed at a total cost of Rs. 201-8-10 at the following places :—

(1) Hornby Vellard.

(2) Queens Road junction with Marine Lines.

(3) Queens Road junction with Princess Street.

Footpaths.

214. A portion of the West footpath of Colaba Causeway and portions of the North and South footpaths of Wodehouse Road were paved with 3" Shahabad stones out of the annual grant of Rs. 10,000.

215. Kutcha footpaths were made (1) in front of the Orient Club, Chaupati, for a length of 800 ft. and (2) on Clerk Road North side, for a length of 4,000 feet.

Tramways.

216. No new tram rails or extensions were laid during the year.

217. Sidings were laid South of the Prince of Wales Museum and these have relieved the great congestion of traffic which took place near the Old Secretariat siding.

218. The electric traction has very much tended to restrict the slow traffic to the sides of the roads, particularly in the case of narrow roads like Duncan, Grant, Ripon and Clare Roads, where a double line of rails exists. The sides of these roads now require more frequent renewals than hitherto.

219. It has also necessitated the shifting of water stand posts to adjacent bye-lanes, causing increased expense.

220. The tram tracks were fairly well maintained during the year. The Company's attention was from time to time called to settlements in their tracks in the rainy season, and these were rectified.

Overbridges.

221. The properties remaining to be acquired in connection with the construction of Arthur Road Overbridge were acquired and after the structures were removed the ground was handed over to the Railway authorities. The work of the construction of the bridge is in progress and a greater portion of the same is finished.

222. The whole of the ground required for the Elphinstone Road Overbridge has been acquired and cleared of all the structures and the diversion of the sewers and storm water drains is in progress.

223. The estimates for the acquisition of the properties required for Clerk Road and Curry Road Overbridges, G. I. P. Railway, have been sanctioned by the Corporation and efforts are being made to acquire the properties in connection with these bridges.

224. A portion of the ground required for Clerk Road Overbridge on the B. B. & C. I. Railway has been acquired.

225. The estimates for the Overbridges at Clerk and DeLisle Roads, B. B. & C. I. Railway, are being prepared.

226. The certified expenditure for overbridges amounted to Rs. 2,19,122-3-6 at the close of the year.

H.

PUBLIC LIGHTING.

Gas Lighting.

227. The total number of Gas Lamps in the City at the end of the year under report was 4,784 as detailed in the following statement and the total cost of gas lighting was Rs. 2,96,980-8-2 :—

Ward.	Single lights.	Double lights.				Triple lights.	Quadruple lights.		Quintuple lights.					High power Self Intensifying Lamps.														Total.
														Three lights.									Two lights.			One light.			
		Apollo Pier.	Wellington Fountain.	Khareghji M. Shroff Statue.	Mayo Road Hollany lamps.	Triple lights.	Apollo Pier.	Victoria Dock.	Hornby Road.	Queen's Statue.	Mint Road.	Princess Dock.	Church Gate.	Abdul Rahiman Street.	Bhuleshwar Road.	Thakurdwar.	C.P. Tank Road.	Girgaum Back Road.	Falkland Road.	Grant Road.	Charni Road.	Girgaum Road.	Queen's Road.	Esplanade Road	Sardhurst Road.	Girgaum Road.	Floral Fountain.	Fitzgerald Fountain.	Sandhurst Bridge.	
A ...	1,022	8	8	...	6	3	8	...	1	4	1	...	1	...	...	...	...	...	...	...	...	...	29	...	...	...	8	...	...	1,210
B ...	754	...	...	...	...	1	...	4	...	...	...	1	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	773
C ...	584	...	...	...	...	1	...	...	...	...	...	...	...	14	7	1	1	4	...	...	...	...	30	...	...	...	...	4	...	732
D ...	835	..	...	...	...	8	...	...	...	...	...	...	...	...	...	...	..	...	1	2	6	2	39	...	1	1	...	...	10	984
E ...	740	...	...	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	757
F ...	141	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	144
G ...	179	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	179
	4,255	16	16	8	12	48	32	16	5	20	5	5	5	42	21	3	3	12	6	6	18	6	196	...	2	2	8	4	10	4,784

228. During the year 352 new gas lamps were placed along the roads as detailed below :—

Locality.	Number of lamps.	Remarks.
Cuffe Parade Road	17	Taken over from C. I. Trust.
Panday Road	3	Do.
Khatao Road	6	Do.
Fazal Road	6	Do.
Kittridge Road	6	Do.
Willoughby Road	3	Taken over from Ex. Engr., Prescy.
Queen's Road	90	High Power 2 Lt. Vesta Lamps.
Clerk Road	38	
New Gamdevi Road	7	Taken over from C. I. Trust.
Sankli Street	10	
Setalwad Road	2	Taken over from house owners
Sandhurst Road	9	Taken over from C. I. Trust.
Sandhurst Cross Road	3	Do.
Hornby Vellard (Refuge)	1	
Kakadwadi	2	
Chinch Bunder Road	12	
Hughes Road	2	Taken over from C. I. Trust.
Wari Bunder Road	13	
Ripon Cross Lane	1	
DeLisle Road	2	
Babulnath Road...	7	
I „ Cross Lane	2	
II „ „ „	3	
III „ „ „	2	

Locality.	Number of lamps.	Remarks.
Arthur Road	22	
Lady Jamshedji Road	26	
Morland Road	16	
Bellasis Bridge	3	
Tardeo Road	14	
C. P. Tank Road	1	High Power 3 Lt. hanging lamp.
Bhuleshwar Road	1	Do.
Thakurdwar Road	1	Do.
Girgaum Back Road	4	Do.
Grant Road	2	Do.
Falkland Road	2	Do.
Charni Road	6	Do.
Girgaum Road	2	Do.
Junction of Gibbs Road & Hughes Road ...	3	Taken over from C. I. Trust.
Sandhurst Road (Refuge)	2	
Total...	352	

Kerosine Oil Lighting.

229. As in the preceding years the kerosine oil lighting was carried out departmentally. The oil used being 150° Snow Flake Brand and 125° Bulk Oil.

230. The total number of kerosine oil lamps in the City at the close of the year was 1,829 as shown in the following statement :—

Ward.	Double wick burner used as single wick.	Simla Pattern burner with helping wick.	President Burners.	Total.
A	...	37	...	37
B	146	...	24	170
C	56	22	19	97
D	70	29	6	105
E	338	79	22	439
F	310	200	...	510
G	343	128	...	471
Total ...	1,263	495	71	1,829

231. The total cost of kerosine oil lighting during the year, was Rs. 46,589-10-0. Deducting from this, Rs. 1,974-7-8 being the amount realized by the sale of empty kerosine oil cases with tins, and (2) recovered (*a*) on account of departmental bills for lighting Health Camps, &c., and (*b*) from private parties for breakage of lanterns, post &c., the net cost of kerosine oil street lighting during the year, amounted to Rs. 44,615-2-4 which gives a rate of Rs. 24-6-3 per lamp per annum.

I.

MUNICIPAL WORKSHOPS.

232. The following are the particulars of expenditure incurred during the year for departmental and private works executed at the Municipal Workshops, for shop and supervision charges, tools and repairs to machinery, buildings, &c.

	Rs. a. p.	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.			
Labour	61,056 7 4		
Stores	63,996 4 9		
Piecework, cart hire, &c.	800 0 6		
		1,25,852 12 7	
For Workshops and Stores :—			
Labour	885 11 3		
Stores	3,206 3 8		
		4,091 14 11	
Total ...			1,29,944 11 6
For Renewal of Workshops roof.			
Labour	1,028 7 2		
Stores	530 12 0		
		1,559 3 2	
			1,559 3 2
For Shop Charges :—			
Labour	4,027 11 10		
Stores	8,204 8 4		
Piecework, Contingencies, &c.	50 0 0		
		12,282 4 2	
For Supervision Charges Establishment, &c.			
Establishment	11,559 3 2		
Rent paid to Government...	6,648 0 0		
Contingencies	798 5 6		
		19,005 8 8	
Total expenditure for working the shops ...			31,287 12 10
Total expenditure during 1909-1910 was ...			1,62,791 11 6

	Rs. a. p.
The total expenditure during 1909-1910 on account of Departmental Works, &c. (Rs. 1,25,852-12-7) for Workshops and Stores Jobs (Rs. 4,091-14-11) and for renewal of workshops roof (Rs. 1,559-3-2) aggregated with the amount charged for supervision, tools, shops and repair charges, &c. (Rs. 32,121-11-2) to...	1,63,625 9 10
Add :—Amount of incomplete Jobs at the beginning of the year 1909-10 ...	1,259 3 5
Rs. ...	1,64,884 13 3
Deduct :—Amount of incomplete Jobs at the end of the year 1909-10 ...	2,292 11 4
Thus :—The total amount of bills preferred by the Workshops in the year 1909-1910 was Rs. ...	1,62,592 1 11

PERCENTAGE FOR SUPERVISION, SHOP, REPAIR CHARGES, &c.

	Rs. a. p.	Rs. a. p.
The actual charges for the general working of the shops (Rs. 12,282-4-2) and for supervision (Rs. 19,005-8-8) amounted to	.....	31,287 12 10
The amount recovered on account of the above-mentioned expenses by charging the fixed percentage of 25 per cent. on the cost of labour employed and materials used for works executed at the shops was	31,423 3 1	
The difference between the actual cost of working the Municipal Pumping Engine, plus 25 per cent. for supervision, repairs, &c. and the fixed charges at which it was let on hire to private parties and departmental works was	698 8 1	
The amount realized by the sale of saw-dust, unserviceable articles, &c., was ...	2,595 15 0	
The balance in favour of the Workshops was therefore	.....	3,429 13 4
Total Rs. ...	34,717 10 2	34,717 10 2

233. The following are the principal items of new works which were taken in hand and completed during the year :—

Description of Works.	Amount.
	Rs. a. p.
Repairing and painting the railing on the approach roads of Wodehouse Bridge	1,143 0 1
Working Pulsometer pump at Fergusson Road Ejector Station Excavation...	2,026 13 6
Erecting new Ejector of 1,000 gallons at the junction of DeLisle Road and Fergusson Road	4,183 7 0
Removing the Steam Sterilizer from Colaba Hospital to B Ward Stables, Palton Road	1,142 12 0
Converting 18 N. P. Hydrants into 36 improved pattern hydrants	827 14 2
Renewing 4 meat vans for the Market Department	1,994 8 7
Erecting 400 gallons ejector and tubbing at Malabar Hill No. 3 Sub District, Gamdevi Road	1,279 1 7
Making 5 new meat vans for the Market Department...	3,497 13 9
Removing water tanks from the terrace over the Executive Engineer's Office and refixing them ...	677 14 6
Reconstructing 9 dust-bin carts to new pattern for the Health Department	2,550 15 0
Making 33 C. I. benches for the Khote Footpath	880 5 6
Repainting all road water tanks in B to G Wards	611 1 11
Erecting Mandaps &c., for the Municipal Ward Elections	2,304 9 4

234. The following works which were commenced in the previous year were completed during the year :—

Description of Works.	Amount.
	Rs. a. p.
Renewing the corrugated roofing sheets over the Fitter's and Smith's shops of the Municipal Workshops.	9,770 1 9
Erecting ejectors and tubbing at Nepean Sea Road	778 6 5
Making and fixing iron and woodwork for a Silchar Incinerator at Worli	986 7 8
Making 20 silt carts for the Drainage Department	2,981 1 2
Reconstructing 21 dust-bin carts to new pattern for the Health Department	5,961 15 5
Converting 13 N. P. Hydrants into 26 improved pattern Hydrants	603 9 11
Do. 19 " " 38 " "	936 15 7
Do. 16 " " 32 " "	717 4 6
Making 7 hand carts for the Road Department...	607 10 3

235. The following are the principal items of new works which were in progress but were not completed before the close of the year :—

Description of Works.	Estimated cost.	Expenditure upto February 1910.
	Rs. a. p.	Rs. a. p.
Converting 25 N. P. Hydrants into 50 improved pattern hydrants	1,200 0 0	463 6 5
Reconstructing 18 dust-bin carts to new pattern for the Health Department ...	4,944 0 0	2,735 8 0
Fixing electric motors at the Colaba Air Compressor Station	1,940 0 0	428 2 9
Erecting 1,000 gallons ejectors and tubbing at No. 3 Ejector Station Colaba... ...	2,750 0 0	11 7 5
Cutting down iron stalls and making hoop iron double trellis door at Erskine Road Market	520 4 0	147 1 1
Covering all road watering tanks in the City	744 0 0	54 12 7

236. In addition to the above works the Workshops have continued to keep in repairs the rolling stock of the Health, Road and Drainage Departments, the machinery of the Love Grove Pumping and Compressor Stations, the Colaba Compressor Station, the Ejector Stations in the Parel, Chinchpokli, Agripada, Malabar Hill, Mazagon and Colaba Districts; Steam Rollers, Fire Engine, Motor Refuse Waggons &c.

237. The Collector of Bombay having intimated that the free use of the plot of ground measuring 5,785 sq. yards alongside the Workshops which was handed back to Government in 1901 and has since been used by the Workshops for stacking timber, parking carts &c., could no longer be permitted the Corporation under their Resolution No. 4771 dated the 22nd November 1909 approved of the ground being taken over from Government on a monthly tenancy at a rate of 1½ annas per sq. yard per month, and sanctioned a grant of Rs. 6,508-2-0 from Surplus Cash Balance for the payment of rent at a rate of Rs. 542-5-6 per month from the 1st April 1909 until the end of the year. A sum of Rs. 4,338-12-0 was thereupon paid to Government for rent upto the end of November 1909 but no further payments were made upto the close of the year pending the disposal of certain references.

238. In future until such time as the Workshops are removed to Foras Road the payment of this monthly rent will have to be met from Supervision charges and will form a heavy drain. It will be seen from the foregoing statements that the annual rental of Rs. 6,648 was so met leaving a profit balance of Rs. 3,429-13-4. If the rent of the ground on monthly tenancy had been similarly charged there would have been a loss of Rs. 3,078-4-8 on the year's working.

239. The work of re-sheeting the roof of the Fitting, Erecting and machine shops and Smith's shop as sanctioned under the Corporation's Resolution No. 2593 dated the 29th July 1907 at an estimated cost of Rs. 10,281 was completed in September 1909 at a total cost of Rs. 9,770-1-9.

240. On account of the work carried out during the year being in excess of anticipations the grant for Extra and Over-time labour had to be supplemented by a transfer of Rs. 1,600 from the Permanent Labour Grant and subsequently by an advance of Rs. 4,500 from Surplus Cash Balance (*vide* the Corporation's Resolution Nos. 2774 dated the 12th August and 4775 dated the 22nd November 1909).

241. The Grant for Stores had also for the same reason to be supplemented by an advance of Rs. 4,000 from Surplus Cash Balance. This was recommended to the Corporation for sanction under the Standing Committee's Resolution No. 197 dated the 13th April 1910.

242. The majority of the plans for the proposed new Workshops at Foras Road were completed in May 1909, from which time the services of the special Draftsman were discontinued and quantities and estimates were approaching completion at the close of the year for (1) Carpenters and Woodworking Shops, (2) Engine and Boiler House, (3) Cart repair shed and pattern loft, (4) Finished materials store, and (5) Boiler wash out shed and water tank. A provision of Rs. 1,50,000 having been made in the Loan Works Budget for 1910-11 for the new Shops, these estimates will be shortly submitted for sanction.

THE STEAM MEAT VAN AND STEAM TRACTOR AND TRAILER VAN SERVICE.

243. The working of the Motor Meat Van during the year was more satisfactory, than in the previous year. No extensive repairs were required and the van was found at the close of the year in a fit condition for further work and was not withdrawn from service as was previously considered would be necessary.

244. It was in service for 300 days as compared with 207 days in the previous year, and during the period 21,471 carcasses of mutton were carried to the Crawford Markets and 13,679 carcasses to the Fort Market making a total of 35,150. The total number of carcasses carried in 1908-09 was 28,837.

245. The mileage of the van during the year was 5,650, making upto the 28th February 1910 a total of 31,776 miles since it commenced work.

246. The cost of working the van during the year was as follows:—

Establishment	Rs.	802	14 5
Coal and Stores	„	1,154	12 9
Repairs and Maintenance	„	608	15 0
Total ...	Rs.	2,566	10 2

247. Calculated on the above total the cost of carriage per ton mile at 2½ tons per trip, exclusive of interest and sinking fund, has averaged 5·81 annas during the year against 10·17 annas in 1908-09.

248. The working of the Steam Tractor was fairly satisfactory except for the breakage of another main driving axle which laid the engine off from the 9th February 1910 until early in April. This is the third axle which has broken since the engine was brought into use and there is no doubt that the breakages are due to an insufficient margin in strength. The axle has now been renewed with one of Vicker's Compressed steel which it is hoped may stand the strain. The engine was also stopped from the 10th to the 31st December 1909 for replating the rims of the front road wheels which were worn out.

249. It was in service for 278 days during the year, and during this period it carried 90,829 carcasses of mutton against 80,913 in 1908-09. The cost of the service for the year was as follows :—

Establishment	Rs.	932	2 11
Coal and Stores	„	1,093	8 9
Repairs	„	403	5 9
Total ...	Rs.	2,429	1 5

250. Taken at 9 loaded miles per trip and an average weight of 28 lbs. per carcass, the cost of carriage on the above figures per ton mile is 3·80 annas as compared with 4·38 annas per ton mile in 1908-09.

251. The mileage of the Tractor during the year was 5,004 making a total of 11,484 miles since it commenced work.

THE LOVE GROVE PUMPING STATION.

252. The engines and pumps worked fairly satisfactorily during the year but considerable trouble was experienced after the close of the Monsoon in keeping the pump valves in good order owing to the frequent presence of kerosine oil in the sewage which caused rapid deterioration of the rubber faces of the valves.

253. The presence of this oil has not been satisfactorily accounted for but it is believed to be due in some measure to leakage from the pipe line from the oil pier at Mody Bunder to the Sewree Bulk Oil Installation. The pipe is under renewal by the Port Trust with a new pipe of stronger section and it is hoped that there will shortly be no further trouble under this head.

254. The efficiency of the pumps as tested by frequent observations taken by the Drainage Staff showed an average of 89 per cent. as against 86 per cent. in the previous year.

255. The combined total number of revolutions of all engines during the year was 29,045,025 against 27,806,209 in the preceding year. This is the highest total recorded, and at 89 per cent. efficiency is equal to an average of 36,657,920 gallons of sewage lifted per day. This is not credible and it is probable that the actual average efficiency did not exceed 75 per cent. throughout the year, the loss of efficiency being due, as stated above, to the difficulty experienced in keeping the pump valve faces in good order.

256. The following table shows the total quantity of coal of different descriptions consumed during the year with their average rates per ton :—

Description of coal.	Tons.	Average rate.
		Rs. a. p.
Bird's Desharghur	2,408	15 10 0
Powell's Duffryn Cardiff	1,200	19 6 9
Bengal Coal Co.'s Desharghur	690	16 2 11
Baraboni Bengal	160	15 12 1

257. The average rate per ton for all of these descriptions of coal was Rs. 16-11-9·9 as against an average rate of Rs. 19-2-2·8 in the previous year, and the average daily consumption was 12 tons. 4 cwts. 1 qr. 2·7 lbs. against 11 tons. 11 cwts. 2 qrs. 0·8 lbs. in 1908-09.

258. In consequence of the higher consumption of coal the grant under this head had to be supplemented by a transfer of Rs. 4,760 (*vide* the Standing Committee's Resolution No. 5749 dated the 31st December 1909).

259. No. 4 engine which was stopped for general repairs at the close of 1908-09 was restarted in May 1909, after which No. 3 engine was laid off for general repairs. The work was completed and the engine restarted in February 1910. General repairs to No 2 engine were then taken in hand and were in progress at the close of the year.

260. 1,000 lbs. of "Brad" valve faces for the sewage pumps were purchased from Messrs. Bradbury Brady and Co., at a rate of Rs. 3-6-6 per lb. and 600 R. Ft. of 6"×5" ply. Dick's canvas balata belting was also purchased for the same purpose from Messrs. W. Crowder and Co., at a rate of Rs. 1-15-0 per foot.

261. Eight solid drawn brass tubes for sheathing the sewage pump rods were purchased at a cost of Rs. 62-8-10 each from Messrs. Geo. Service and Co. and 50 cast steel hinge blocks and 50 cast steel sewage pump valves were obtained from Messrs. John E. Minnitt, Ld. at Rs. 35 per set.

262. The Mather and Platt's twin filter for removing oil from the boiler feed water which was ordered in the previous year from Messrs. Macbeth Bros & Co. at a cost of Rs. 2,050 was received in July 1909 and was erected and started on the 25th January 1910.

263. Unfortunately before the filter could be set to work there was again trouble with burnt boiler tubes due to the presence of oil in the boilers and during January and February 1910 it was necessary to renew 13 tubes.

264. Considerable progress has been made in connection with the supply and erection of new pumping machinery and plant for the Station.

265. The designs for screening and detritus chambers and machinery having been finally approved, the Consulting Engineers invited a quotation from Messrs. S. S. Stott & Co., Screen Specialists of Haslingden near Manchester for the required machinery and under their letter dated the 30th July 1909 submitted this Manufacturer's tender amounting to £9,600 for acceptance. Sanction to the acceptance of the tender was accorded under the Standing Committee's Resolution No. 3268 dated the 8th September 1909, and the work was taken in hand by the manufacturers at the close of the year.

266. As it appeared unlikely that any local firm of contractors would be prepared to undertake the construction of the low level outfall sewer required in connection with the new pumps, the Deputy Executive Engineer, Mechanical Branch, was commissioned while on leave in England to endeavour to obtain tenders from contractors for carrying out the work. It was found, however, that no one was willing to tender in the absence of an accurate survey of the sea bed at the site of the proposed outfall and the Deputy Executive Engineer submitted in the alternative an offer from Messrs. Lowther Kidd and Co., to undertake the required survey and to furnish plans, specifications, estimates and a tender for the outfall for a sum of Rs. 65,000. It was proposed that for the above sum the results of the survey together with all plans and particulars should become the property of Corporation without any guarantee that the Firm's tender for the actual work of construction would be accepted, but that in the event of the acceptance of their tender the cost of the survey &c, would be merged in the contract price.

267. This proposal was sanctioned by the Corporation under their Resolution No. 4090 dated the 11th October 1909 and on the terms of the contract being settled Mr. Kidd left England for Bombay in March 1910 to personally supervise the survey.

268. Under their Resolution No. 6854 dated the 18th February 1910 the Standing Committee accepted the tender of Messrs. Virji Teju & Co., amounting to Rs. 88,534-12-6 for the construction of a new cooling tank and new chimney required in connection with the new measures, and work on the tank was taken in hand under the supervision of the Drainage Branch at the close of the year.

269. The Consulting Engineers report satisfactory progress in the Lilleshall Company's works on the manufacture of the new engines and pumps, but the makers have not yet been able to supply the foundation drawings for the work with the result that it has not been possible to complete the designs for the engine and boiler houses or to invite tenders for their construction.

THE COLABA AIR COMPRESSOR STATION.

270. The machinery of the Compressor Station and the ejector Stations served from it worked satisfactorily during the year.

271. The total quantity of sewage lifted during the year amounted approximately to 436¼ million gallons against 407½ gallons in 1908-09. The total number of revolutions run by the compressor engine was 39,233,054 against 35,293,062 in 1908-09.

272. 570 tons of Bird's Desharghur coal at a rate of Rs. 14-12-0 per ton, 100 tons of the Bengal Coal Co.'s, Desharghur coal and 100 tons of Baraboni Bengal coal at a rate of Rs. 14-15-0 per ton and 150 tons of Powell's Duffryn Cardiff coal at a rate of Rs. 18-11-0 per ton were purchased during the year. The total quantity consumed was thus 920 tons as compared with 934 tons in 1908-09.

273. As stated in the previous year's report, the Corporation sanctioned a grant of Rs. 12,400 under their Resolution No. 7707 dated the 11th March 1909 for the conversion of two of the existing steam driven air compressor engines into electrically driven compressors with a power supply from the Bombay Electric Supply and Tramway Company's mains. Tenders were subsequently invited for the supply of electric motors and gearing and Messrs. Turner Hoare and Company's tender amounting to Rs. 10,085 for motors by Messrs. Lawrance Scott and Co., starting switches and regulators by Messrs. Bray Markham and Reiss, and gearing by Messrs David Brown and Son was accepted under the Standing Committee's Resolution No. 1619 dated the 23rd June 1909. The machinery was received in the following November and the work of erection by the Municipal Workshops was in progress at the close of the year.

THE LOVE GROVE AIR COMPRESSOR STATION.

274. The machinery of the Compressor Station and the several Ejector Stations in the Parel, Chinchpokli, Agripada, Malabar Hill and Mazagon Districts worked satisfactorily during the year.

275. The combined total number of revolutions run by Nos. 1 and 2 (large) Compressor Engines during the year was 25,814,501. The revolutions of Nos. 3 and 4 (small) engines amounted to 34,671,080 during the same period. The previous year's totals were 21,026,874 and 25,269,625 respectively. The small engines are half the capacity of the large, so that the net increase in revolutions during the year on the basis of a large engine is 9,488,355.

276. This large increase in the revolutions is due to the following new and enlarged Stations having been taken over and started in regular work during the year :—

District.	Capacity of ejectors.	Remarks.
Malabar Hill Sub-District No. 1, Warden Road.	2 ejectors of 250 gallons capacity each.	New Station.
Malabar Hill Sub-District No. 2, Nepean Sea Road.	2 ejectors of 100 gallons capacity each.	Do.
Malabar Hill Sub-District No. 3, Gamdevi Road.	2 ejectors of 400 gallons capacity each.	Do.
No. 1 Fergusson District, Delisle Road.	1 ejector of 1,000 gallons capacity.	Enlarged Station.

277. The total quantity of sewage lifted by the ejectors worked from the Station during the 12 months was approximately as follows :—

Ejector Station.	Quantity of sewage lifted in gallons.
No. 1 Fergusson District, DeLisle Road	569,891,000
No. 2 Do. Arthur Road	487,399,200
No. 1 Parel District, Elphinstone Road	419,002,500
No. 2 Do. Chinchpokli Road	173,851,000
No. 3 Do. Sewri Road	67,713,000
No. 1 Mazagon District, Church Street	220,899,600
No. 2 Do. Tank Bunder	41,959,000
No. 1 Agripada District No. 2 Do.	42,403,500
Total gallons ...	2,023,118,800

278. The above total, which is 102 million gallons more than the previous year, is exclusive of the quantity lifted by the new Ejector Stations, of which regular counter readings were not commenced until March 1910.

279. The following table shows the total quantity of coal of different descriptions consumed during the year with their average rates per ton :—

Description.	Tons.	Average rate.		
		Rs.	a.	p.
Bird's Desharghur	1,869	15	9	11
Powell's Duffryn Cardiff	800	19	6	9
Bengal Coal Coy.'s Desharghur	375	15	10	9
Baraboni Bengal...	171	15	10	9

280. The average rate per ton for all of these descriptions of coal was Rs. 16-9-2·2 and the average daily consumption was 8 tons, 16 cwts. 0 qrs. and 18·4 lbs. against the respective figures of Rs. 19-1-0·5 and 7 tons, 16 cwts. 0 qrs. and 18·4 lbs. in the previous year.

281. In consequence of the higher consumption of coal the grant had to be supplemented by a transfer of Rs. 3,300 (*vide* the Standing Committee's Resolution No. 5750 dated the 31st December 1909.)

282. The Mather and Platt's twin filter for removing oil from the boiler feed water which was ordered in the previous year from Messrs. Macbeth Bros. and Co. at a cost of Rs. 1,510 was received in July 1909 and was erected and started on the 16th March 1910.

283. As in the case of the Pumping Station trouble was also experienced at the Compressor Station with burnt boiler tubes before the oil filters could be set to work and it was necessary to renew 10 tubes during February and March 1910.

284. Owing to the purchase of such extra items as the oil filters above mentioned, two new 5" Ferranti stop valves and a new set of rubber valves for the air pumps, the expenditure under Stores and Contingencies could not be kept within the Budget grant and a transfer of Rs. 2,220 had to be obtained. This was sanctioned under the Standing Committee's Resolution No. 5751 dated the 31st December 1909.

285. The work of erecting and fitting the new Walker's air cylinders to No. 1 (large) engine which was in progress at the close of the previous year was completed in October 1909 and the engine was restarted on the 14th of that month and is working satisfactorily.

286. A provision of Rs. 17,000 having been made in the New Works Budget for the year for providing and fixing Babcock & Wilcox chain grate stokers and superheaters to the three boilers at the Station with the object of reducing smoke and obtaining greater economy, the same were ordered from Messrs Babcock and Wilcox Ltd. at a cost of Rs. 15,190 and were received in June 1909. It was found necessary to make extensive alterations to the arrangement of boiler feed pipes before the stokers could be put in place and the latter work could not be commenced before the close of the year.

287. It has been necessary to make arrangements for the removal of the 700 gallon Ejector Station from Elphinstone Road to make way for the new Elphinstone Road Overbridge, and as the ejectors are not large enough for present requirements it has been arranged to replace them with two new ejectors of 1,000 gallons capacity each. The machinery for the new Station was received at the close of the year but as there was insufficient time for the completion of the work before the Monsoon of 1910 the erection was deferred.

288. On the completion of the new Station it is proposed to remove the existing 700 gallon Ejectors to replace the two 250 gallons Ejectors in Mazagon Station No. 2 at Tank Bunder which, owing to the extension of buildings and camps in the neighbourhood, have been found much too small to cope with the flow, which has given rise to many complaints. Preparatory to this substitution the Standing Committee under their Resolution No. 6513 dated the 2nd February 1910 sanctioned an expenditure of Rs. 9,092 for replacing the existing 2½" cast iron branch main serving this Ejector Station in Victoria Extension Road with a 4" steel main.

J.

GENERAL.

IMPORTANT SUBJECTS REPORTED UPON.

289. The following is a list of important subjects which were reported upon during the year :—

1. Charges for Departmental and private works.
2. Constructing the new Low Level Outfall Sewer at Love Grove.
3. Occupation of Roads and footpaths.
4. Substitution of a daily for a monthly rate of pay in the Drainage and Water Works Branches.
5. Causes and prevention of Malaria and other fevers in Bombay.
6. Treatment of Roads with Crude oil and Tar.
7. Various questions regarding Road excavations and Repairs.
8. Rules for opening of roads by public bodies such as the Telephone Co., the Electric Supply and Tramway's Co., and the Gas Co.
9. Removal of rocky barriers in the Love Grove Channel.
10. Revised draft rules under the Motor Vehicles Act, 1904.
11. Gunfire controllers for lighting and extinguishing gas lamps.
12. Deficient water supply at the Century Mills.
13. Drainage of the new Port Trust Reclamation at Sewri.
14. Bombay City survey.
15. Proposal of the G. I. P. Railway to increase the accommodation at the Victoria Terminus Passenger Station.
16. Building By-laws.
17. Establishment of Hospital for Mill hands in the North of the Island.
18. Proposed establishment of Road metal depots at Sewri and acquisition of land for the same.
19. Test audit reports of the Chief Accountant regarding labour employed and materials used for Road Repairs.
20. Model for improved house connections.
21. Proposed market near the Dhobiwada at Mahalaxmi.
22. 48" Vehar main and plant for testing the same.
23. Alleged difficulties experienced by Licensed Plumbers.
24. Town Planning Scheme.

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

290. Comparative statement of the number of bills, vouchers &c., received, examined and passed during the five years from 1905-06 to 1909-10.

Description.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.
Bills for supplies, works &c., ...	15,930	17,903	22,556	28,790	25,275
Departmental works Bills	5,269	5,518	6,491	6,350	5,468
Private works Bills	2,372	2,822	2,650	2,654	3,349
Total ...	23,571	26,243	31,697	37,804	34,092

NOTICES, &c., ISSUED.

291. Comparative statement of the number of notices, &c., issued during the five years from 1905-06 to 1909-10 :—

Section of the Municipal Act.	Description.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.
	Street and Building Branch.					
221	To Provide rain-water eaves, gutter and down pipes...	365	522	188	160	320
247	To provide water-closets, privies or urinals	3	7	4	4	7
257	To remove encroachments on drain, cess-pool, house-gully, privy, urinal, &c.	5	6	7	2	1
299	Intimation to take possession of land outside building for street improvement	106	84	76	68	100
305	To level, metal or pave, drain and light private streets..	27	11	17	111	82
308	To remove new projections	115	188	80	180	562
308-309	To remove new projections as well as old ones ...	10	3	...	11	8
311	To remove or alter door, or gate, bar or window opening upon a street	25	12	11	8	11
329	To repair, protect or enclose wells or dangerous places.	3	14	14	11	16
349	To remove inflammable materials in external walls and roof covering	407	426	320	218	173
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same	35	37	13	13	19
353	To alter buildings erected or to amend works done contrary to the provisions of the Municipal Act or Building By-laws	184	251	199	237	261
354	To pull down ruinous houses	197	269	481	364	342
380	Removing or altering insanitary huts or sheds ...	993	739	912	631	787
383	To cut and trim trees, shrubs and hedges	17	1	7	2	3
488	Intimation of intention to enter houses after 24 hours' notice	1,416	1,918	1,359	1,097	2,211
351 (2)	Intimation of intention to enter houses after 48 hours' notice	2	17	7	4	8
298 (2)	Intimation of intention to take possession of land occupied by buildings, &c.	3	2	7	4	3
By-laws 40	Infringement of the provisions of the Building Bye-laws	127	4	3	1	2
	Total ...	4,040	4,502	3,705	3,135	4,916
	Drainage, Ordinary Works.					
222	For laying Municipal drains through or under land belonging to private parties	11	20	1	12	3
230	To carry drain through land belonging to other persons.	21	45	39	21	13
231	To drain undrained premises within a hundred feet of a Municipal drain	1,226	534	621	721	711
232	To drain undrained premises not within a hundred feet of a Municipal drain	44	10	170	318	378
234	For erecting new buildings without drains	...	1	...	...	...
238	To declare joint ownership of a drain	11	34	10	8	5
240	To pass or construct a drain beneath any part of a building	...	...	6	12	...
243	To raise vent pipes on the drain	...	...	...	...	31
244	To affix shafts or pipes or ventilation of drains, &c. ...	9	16	7	18	9
257	To renew, repair, &c., drainage of houses	2,176	1,765	1,022	723	817
258	To prohibit contraventions generally of the provisions of Chapter IX of the Municipal Act.	6	1	...	6	...
358	To prohibit the use of any bad material, appliance or fitting by Licensed Plumbers	79	...	...	...	...
488	Entering premises for purpose of surveying, &c. ...	5	6	3	1	—
	Total ...	3,588	2,432	1,879	1,840	1,962
	Drainage Loan Works.					
222	For the acquisition of land for making drains... ...	...	4	...	6	...
244	For erecting or affixing pipes for ventilation of drains, &c.	...	13	...	...	...
	Total ...	...	17	...	6	...
	Water Works Branch.					
278 (2)	To repair and stop leakage of water from taps, service pipes, &c....	7,014	4,910	3,101	4,496	3,599
279	To fix meters to service pipes	385	320	270	342	291
	Total ...	7,399	5,230	3,371	4,838	3,890

SUMMARY.

Departments.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.
Street and Building Branch	4,040	4,502	3,705	3,135	4,916
Drainage, Ordinary Works	3,588	2,432	1,879	1,840	1,962
Drainage, Loan Works....	.....	17	.....	6	.....
Water Works Branch	7,399	5,230	3,371	4,838	3,890
Total ...	15,027	12,181	8,955	9,819	10,768

LETTERS, &c., RECEIVED AND DESPATCHED.

292. Comparative statement of the number of letters, references to Inspectors, &c., received and despatched during the five years from 1905-06 to 1909-10 :—

Departments.		1905-06.	1906-07.	1907-08.	1908-09.	1909-10.
General and Street and Building Branches	Inward ...	1,34,777	1,42,965	1,44,881	1,48,992	1,78,359
	Outward...	1,25,126	1,26,546	1,34,164	1,45,581	179,764
Drainage, Ordinary Works ...	Inward ...	56,237	54,349	47,458	45,455	53,499
	Outward ...	33,476	34,731	35,126	39,635	33,788
Drainage, Loan Works... ...	Inward ...	5,551	2,751	2,046	2,183	2,158
	Outward ...	5,705	2,519	1,910	2,245	2,394
Water Works Branch	Inward ...	47,883	49,189	53,317	56,146	58,291
	Outward ...	46,758	46,501	48,303	50,475	50,357
Water Works, Special Branch...	Inward ...	3,287	4,383	3,385	3,064	1,791
	Outward ...	4,563	6,438	7,248	6,215	5,567
Total ...		4,63,363	4,70,372	4,77,838	4,99,991	5,65,968

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

293. The following is a summary of Clerical Work done by the different branches of the Department during the year :—

Consecutive Nos.	Description of work.	General and Street and Building Branches.	Mechanical Branch.	Drainage, Ordinary Works.	Drainage, Loan Works.	Water Works, Ordinary Branch.	Water Works, Special Branch.	Total.
1	Letters, &c., received, including replies to references to Inspectors, &c.	178,359	4,924	53,499	2,158	58,291	1,791	299,022
2	Letters, &c., despatched, including references to Inspectors for report	179,764	4,472	33,788	2,394	50,357	5,567	276,342
3	Notices issued...	4,916	...	1,962	...	3,890	...	10,768
4	Summonses issued	1,360	...	443	...	...	...	1,803
5	Contracts for annual and other supplies and for the construction of various works executed ...	55	...	3	11	3	...	72
6	Leases of various rights sold	31	...	...	...	...	...	31
7	Vouchers received and passed	15,987	460	5,002	1,212	2,335	279	25,275

Consecutive Nos.	Description of Work.	General and Street and Building Branches.	Mechanical Branch.	Drainage, Ordinary Works.	Drainage, Loan Works.	Water Works, Ordinary Branch.	Water Works, Special Branch.	Total.
8	References made to Inspectors, &c., for certificates on vouchers...	6,061	...	3,543	460	1,491	83	11,628
9	Reports and certificates received from the Inspectors, &c.	6,061	...	3,543	460	1,491	94	11,689
10	Departmental and private works bills prepared or received, checked and passed	4,400	1,173	644	...	2,600	...	8,817
11	Statements of works done for private parties, checked and passed	84	...	...	...	...	...	84
12	Statements of works done for Municipal Departments, checked and passed	88	...	...	...	...	...	88
13	Workshops' Balance Sheets prepared and forwarded.	12	...	...	...	...	...	12
14	Statements of recovery of bills against private parties received	72	...	...	...	...	...	72
15	Requisitions prepared or received and forwarded.	2,121	9,104	1,906	60	831	64	14,086
16	Measurement slips for metal, sand, rubble, &c., received and checked	1,031	...	...	...	...	...	1,031
17	Morning and material reports, diaries, &c., prepared or received and checked	5,110	...	...	...	...	...	5,110
18	Muster rolls received and checked...	907	...	...	...	...	...	907
19	Statements of wages remaining unclaimed, received and checked	118	...	...	...	...	...	118
20	Unclaimed wages, refund certificates prepared or received and passed	1,371	...	...	...	...	...	1,371
21	Work abstracts for road repairs and maintenance, received and checked	84	...	...	...	...	...	84
22	Work abstracts for road watering received and checked	84	...	...	...	...	...	84
23	Permits issued for projecting verandahs, balconies, rowns, weather frames, &c.	30	...	...	...	...	...	30
24	Permits issued for erection of scaffolding on public roads	848	...	...	...	...	...	848
25	Permits issued for opening roads	1,873	...	...	...	...	...	1,873
26	Permits issued for temporary occupation of public streets on marriage and other ceremonies ...	535	...	...	...	...	...	535
27	Advice notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground rent, sale of building forms under Sections 337 and 342, supplying copies of office records, sale of applications for water connections, fees for testing water pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant...	2,784	...	259	145	...	3,083	6,271
28	Licenses issued to Plumbers	154	...	...	...	...	...	154
29	Licenses issued to Surveyors	51	...	...	...	...	...	51
30	Authorities issued to plumbers for opening roads under tram lines	79	...	...	...	...	...	79
31	Orders issued for adding ground	54	...	...	...	...	...	54
32	Permits for building or re-building houses granted either conditionally or unconditionally.	3,198	...	...	...	...	...	3,198
33	Claims for compensation for lands, &c., taken up for street improvement passed...	241	...	...	...	...	...	241
34	Number of road *slips*, prepared and checked ...	74,460	...	...	..	...	...	74,460

WORKS IN CONNECTION WITH PLAGUE MEASURES.

294. Sites on Chaupati and Gamdevi Estates were allotted to the different communities, as in previous years, for erecting Health Camps, and the latrines, nahanis, water supply and lighting arrangement, at the different Camps were provided by the Municipality.

295. The following camps were erected and provided with latrines, stand pipes for water supply and lighting arrangements at Municipal expense :—

		No: of rooms.
	On Municipal Ground at	
1.	Babula Tank Road	20
2.	Gilder Tank	50
3.	Mahim Garden	50
4.	DeLisle Road next to Night Soil Depot or (Purbhadevi)	75
	On Private Land at	
1.	Victoria Bunder (on land belonging to the Colaba Land & Mill Co., Ltd.)	50
2.	Agripada (on land belonging to the Improvement Trust)	100
3.	Government House compound Parel (on land belonging to the Improvement Trust).	75
	Total No. of rooms ...	420

296. The total cost of erecting temporary bamboo matting huts amounted to Rs. 3,700.

297. The following camps which existed in the previous year were maintained at Municipal expense during the year :—

		No. of rooms.
1.	Babula Tank Health Camp (on Municipal ground) ...	20
2.	Northbrook Garden Health Camp (on Municipal ground)	46
3.	Mahim Station Health Camp (on Municipal ground).	30
4.	Koli Lane Colaba (on land belonging to Government).	20
5.	Arthur Road Health Camp (on Municipal ground) ...	72
6.	Health Camp at the junction of Arthur Road and DeLisle Road (on Municipal ground)	100
	Total No. of rooms ...	288

298. The total cost of maintaining these camps amounted to Rs. 1,494.

MUNICIPAL SERVANTS' ACT.

299. No circumstance has arisen in this Department during the year to necessitate the putting of the Municipal Servants' Act into operation.

I have the honour to be,
Sir,
Your most obedient servant
JOSEPH HALL,
M. Inst. C.E., M.I.M.E,
Executive Engineer.

K—FIRE BRIGADE.

1. The Department has been maintained in a state of efficiency during the year. All appliances are in good condition and thorough working order.

2. Mr. W. Nicholls, Chief Officer, Fire Brigade, was allowed 6 months' combined leave from the 8th May 1909 and Head Foreman Mr. G. F. Weston acted for him during his absence.

3. During the year, three persons were injured at fires and removed to hospital, all of whom died. A man named Mulji Amersey jumped from the 5th floor of a building on Fire at Kalbadevi Road on the 14th September and killed himself. Unfortunately in this case, the Brigade received a late call and although strenuous efforts were made by several Officers to reach the man by means of the staircase it was found impossible to do so as the person was on the floor above the fire and the staircase had become involved. Our ladders were too short to reach the 5th floor and before a jumping sheet could be opened the man jumped on the road and was killed on the spot. Had he kept his presence of mind he could easily have escaped by the adjoining roof before the arrival of the Brigade. The fire had gained a complete hold of the floor below him when the Brigade arrived and in any case it would have then been impossible to have rescued him by the aid of a ladder, had we had one of sufficient length. A ladder to reach a height of 75 feet has however been ordered to meet our requirements.

4. Foremen Messrs. Scott and Williams were granted by the Municipal Commisioner a reward of Rs. 30 each in recognition of their services in rescuing nine persons by the aid of a fire escape from the 4th floor of a building on Fire in Green Street, Fort, on the 17th December 1908.

5. The water supply at fires has been satisfactory and the attendance of the Water Works Staff prompt and of assistance to the Brigade.

6. The van located at Byculla Fire Brigade Station, carrying implements for the rescue of persons from the debris of fallen buildings, has been called into requisition eight times during the year. Thirty-five persons were recovered from debris of whom eight were dead when extricated whilst twenty seven were removed to hospital, of whom two died and twenty five were discharged.

7. Several Officers and men of the Brigade received injuries whilst in the execution of their duty at fallen buildings which with the exception of one case, were not of a serious nature. This man by name Narayan Murari received a severe injury to his right leg at Nagdevi Street on the 26th September which necessitated his removal to the Sir J. J. Hospital where he was detained for treatment and discharged on the 28th February as incurable. He was invalided by the Brigade Surgeon on the 1st of March and was granted a Pension by the Corporation of Rs. 4-10-8 per month

8. Periodical inspection of fire hydrants throughout the city has been carried out by the Brigade.

9. The fire service at the Municipal Offices and Markets have been kept in good working order and the employes have been periodically drilled in the use of the appliances.

10. Two horses were purchased during the year in place of two animals that died.

11. 5,000 feet of delivery hose, one Motor Steam Fire Engine and other appliances were supplied under contract by Messrs. Balmer, Lawrie & Co., of Calcutta.

12. Provision has been made in the ensuing year's Budget for a supply of 6,650 feet of delivery hose, one Motor Steam Fire Engine, one Fire Escape to reach a height of 75 feet and one Motor Fire Ladder to reach a total height of 80 feet.

13. The work of reconstructing the Bhuleshwar Station for the accommodation of a Motor Steamer is now in hand, the Staff and appliances having temporary accommodation in a shed at Mumbadevi Road.

14. The work of providing additional quarters for the native staff at several Fire Brigade Stations has been completed during the year.

15. Emergency Ladders have been added to all our Fire Escapes thus allowing the ladders to be extended to heights of 60 and 70 feet and Hand Chemical Fire Extinguishers have been added to Hose Reels at Baboola Tank, Fort, Colaba and Bhuleshwar Stations.

16. Thirty-four members of the Brigade resigned or otherwise left the service during the year.

17. Provision has been made in the ensuing year's Budget for an additional staff of twenty men for a new station to be erected at Elphinstone Bridge Road, the construction of which will shortly be commenced.

18. The present strength and equipment of the Brigade is as follows :—

Strength.

1 Chief Officer.	10 Engineers.	11 Drivers.
2 Clerks.	17 First Class Tindals.	11 Grooms.
1 Head Foreman.	8 Second do. do.	
6 Foremen.	158 Firemen of grades.	

making a total of 225 men of all ranks not including men sanctioned for the Elphinstone Bridge Road, Mandvi Station.

Equipment.

8 Horse drawn Steam Fire Engines.	1 Steam Motor Fire Engine.	7 Hand propelled Fire Escapes.
1 Petrol Motor Engine.	1 Chemical Horse drawn Fire Engine.	1 Brake.
1 Petrol Motor Tender and Fire Escape combined.	8 Manual Fire Engines.	1 Van.
	16 Hose Reels.	18 Horses.
	7 Tender carts.	

422 Lengths of Rubber-lined Delivery Hose aggregating 21,100 feet and other necessary Fire Extinguishing appliances.

The distribution of engines, &c., is as follows :—

Numbers.	Stations. Names.	Engines. Chemical.	Motor Steamer.	Steamers.	Petrol Motor.	Manuals.	Motor Tender.	Hose Reels.	Tender Carts.	Fire Escapes.	Brake.	Van.	Horses.	Delivery Hose	Foremen.	Engineers.	First Class Tindals.	Second Class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla	1	...	3	...	3	...	1	1	2	1	1	8	114	1	3	2	1	30	6	6	
2	Haines Rd. ...	...	...	...	1	...	1	...	...	...	...	...	...	40	1	1	3	1	14	...	...	
3	Gowalia Tank ...	..	...	1	..	1	...	2	1	1	...	...	2	39	1	1	2	1	21	1	1	
4	Chinchpookly ...	...	...	1	..	...	...	1	1	1	...	...	2	34	1	1	1	1	14	1	1	
5	Baboola Tank ..	...	...	1	...	...	...	2	1	1	...	...	2	34	1	1	1	1	14	1	1	
6	Fort	...	...	1	...	...	...	1	1	1	...	..	2	34	1	1	1	1	14	1	1	
7	Colaba	...	...	1	...	...	...	4	1	1	...	...	2	59	1	1	1	1	14	1	1	
8	DeLisle Road ...	...	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
9	Mahim	...	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
10	Dadar	...	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	..	7	...	...	
11	Mazagaon	...	...	...	...	1	...	1	...	...	...	...	...	13	...	...	1	...	7	...	...	
12	Bhuleshwar ...	...	1	...	...	...	...	1	1	1	...	...	...	16	...	1	2	1	9	...	...	
	Total ...	1	1	8	1	8	1	16	7	8	1	1	18	422	7	10	17	8	158	11	11	

19. The number of calls to fires or supposed fires has been 117 which involved the turning out of engines and men and resulted in 8 Alarms and 109 Fires, 61 of which were extinguished by Brigade appliances and 48 before the arrival of the Brigade.

20. The estimated damage to property has amounted to Rs. 15,05,557, showing a decrease of Rs. 8,88,607 as compared with the preceding year.

21. The amount of damage to property at the 61 fires extinguished by the Brigade appliances is estimated at Rs. 13,83,214, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 46,53,588.

22. The estimated damage to insured properties has been Rs. 14,40,827, and to uninsured Rs. 64,730.

23. The number of Buildings damaged by fire during the year were 29 of which 16 were insured, and 13 uninsured. Fires in buildings where only the contents were damaged numbered 62 of which 33 were covered by insurance, whilst in 29 cases no insurance had been effected. 18 fires occurred on open ground principally consisting of jowli huts.

24. 18 fires were extinguished by the aid of steamers, 2 by Manuals, 27 by Hydrants, 14 by hand-pump and Buckets and 48 by private appliances.

25. The estimated quantity of water used for extinguishing fires has been 2,729,570 gallons, or about 12,422 tons; of this quantity 2,625,020 gallons was taken from Street Mains, 150,750 gallons from sea, and 16,800 gallons from wells and tanks.

26. The fires of 1909-1910 show an increase of 7 as compared with 1908-1909, and with the average of the past 10 years an increase of 17.

Table No. 1.

List of Causes of Fires for the year 1909-1910.

Causes.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Candle careless use of ...	...	...	...	...	1	...	...	...	...	...	...	...	1
Chimney Defective ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Coal over-heat of	3	4	...	...	...	...	...	...	...	1	...	...	8
Dammer, boiling over ...	...	...	...	...	...	...	...	...	1	...	...	...	1
Doubtful	...	...	...	...	...	...	1	...	...	...	...	...	1
Electric wire defective ...	...	...	...	...	...	...	...	...	...	...	2	...	2
Do. do. fusing of ...	...	...	2	1	...	1	1	...	...	1	...	...	6
Engine oil bursting of ...	...	1	...	...	...	...	...	...	...	...	...	...	1
Fire, place careless use of ...	...	...	1	1	1	1	...	...	...	1	2	2	9
Do. do. Spark from ...	...	...	...	...	...	...	...	...	...	1	...	...	1
Fire Works exploding ...	...	1	...	...	...	...	...	...	...	...	...	...	1
Friction	1	2	...	2	...	...	...	...	1	2	1	...	9
Light thrown down ...	3	6	4	2	1	...	2	4	4	1	8	4	39
Not Known...	2	1	...	...	1	...	...	...	1	1	3	...	9
Oil Lamp careless use of ...	...	...	...	...	...	...	1	...	...	1	1	1	4
Do. Kerosine do. ...	...	2	...	1	1	...	2	1	...	...	...	...	7
Do. do. Explodieg...	...	1	1	...	1	2	1	...	...	1	...	...	7
Solder careless use of ...	...	...	...	...	...	...	1	...	...	...	...	...	1
Spark from locomotive ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Total ...	9	18	8	7	6	4	9	5	7	10	17	9	109

Table No. 2.

Monthly Summary of Fires and Annual Losses for the period 1900-1901 to 1909-1910 :—

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.	Estimated Loss.
														Rs.
1900-01 ...	6	6	4	3	...	7	5	13	12	5	9	6	76	1,99,955
1901-02 ...	7	8	4	...	1	5	7	7	7	6	4	6	62	11,59,233
1902-03 ...	6	10	4	4	6	1	6	8	7	8	15	5	80	6,17,334
1903-04 ...	8	10	6	3	1	5	4	7	4	7	11	12	78	10,94,563
1904-05 ...	4	9	7	2	3	5	5	18	9	6	13	7	88	22,11,462
1905-06 ...	5	5	4	10	5	8	7	13	10	5	9	27	108	15,45,126
1906-07 ...	5	16	25	7	6	4	14	9	6	9	9	10	120	55,33,801
1907-08 ...	12	10	7	4	1	6	6	13	10	11	18	4	102	33,36,274
1908-09 ...	7	11	7	5	2	8	11	11	9	12	9	10	102	23,94,164
1909-1910...	9	18	8	7	6	4	9	5	7	10	17	9	109	15,05,557

Table No. 3.

List of Fires through which property to the extent of Rs. 2,000 and upwards was destroyed during the year 1909-1910.

Date.	Locality.	Description of Property destroyed.	Estimated value.
1909.			Rs.
April 7th ...	Carnac Bridge Road	Iron Shed	1,29,000
,, 9th ...	Jamboolwadi	Building	3,500
,, 23rd ...	DeLisle Road	Cotton	30,000
,, 25th ...	Navroji Hill	Building	14,900
May 3rd ..	Dongri Street	Do.	43,000
,, 17th ...	Shekh Memon Street	Do.	20,550
,, 20th ...	Vincent Road	Huts	4,505
,, 21st ...	Fergusson Road	Cotton	3,000
Do. ...	Carroll Road	Building	13,500
,, 30th ...	Cowasji Patel Tank Road ...	Cloth	3,000
June 1st ...	Hornby Road	Electric Cables	2,000
,, 2nd ..	Peerkhan Street	Building	7,370
Do ...	Elphinstone Road	Cotton	15,000
,, 19th ...	Supari Bag Road...	Building	22,000
,, 21st ...	New Purbhadevi Road	Do.	5,000
,, 24th ...	Clerk Road	Fuel	2,600
July 6th ...	Elphinstone Road	Cotton	10,000
,, 22nd ...	Do.	Do.	10,000
,, 28th ...	New Purbhadevi Road	Do.	8,000
September 14th ...	Kalbadevi Road	Building	76,500
October 23rd ...	Victoria Docks	Sugar and Cotton	5,000
,, 30th ...	Gunpowder Road	Kerosine oil	11,800
December 1st ...	Argyle Road	Sugar Godowns	2,67,000
,, 3rd ...	Wari Bunder	Shed	5,480
,, 16th ...	New Purbhadevi Road	Cotton	2,500
1910.			
January 6th ...	Do.	Do.	30,000
,, 18th ...	Fergusson Road	Do.	2,000
February 16th ...	Chimna Butcher Street... ...	Building	2,710
,, 16th ...	Rampart Row	Do.	16,000
,, 17th ...	Do.	Store	2,000
,, 24th ...	Khoja Street	Building	26,100
,, 28th ...	Poona Street	Godowns	7,02,375

L—PUBLIC GARDENS.

REPORT OF THE SUPERINTENDENT OF MUNICIPAL GARDENS RECEIVED UNDER HIS No. 512, DATED 23RD MAY, 1910.

Sir,

I have the honour to submit the Annual Report on the administration of the Municipal Gardens for the year ended 31st March 1910.

2. The following gardens were maintained during the year under report:—

(a) Victoria Gardens.
(b) Elphinstone Circle Garden.
(c) Falkland Road Garden.
(d) Northbrook Garden.
(e) Sir Cawasji Jehangir Garden at Mahim.
(f) Bazar Gate Garden.
(g) Dick's Tank Garden.
(h) Malabar Hill Garden.
(i) Municipal Office Garden.

3. In addition to the above gardens the charge of the Esplanade Band Stand together with the green surrounding it was handed over to me by the Executive Engineer on the 22nd October 1909. This was in accordance with the Corporation Resolution No. 1699 dated the 28th June 1909 sanctioning it to be maintained as a Municipal garden with a view especially to give free public band performances there, for which the Corporation had sanctioned a special grant. As there was no grant available in the budget for its maintenance during the year under report the expenditure incurred on it till the end of the official year was met from the savings of the grants of the other Municipal gardens.

4. The total number of visitors to the Victoria Gardens during the year was 1,951,917 as compared with 2,060,343 in the previous year which was the highest on record and over three laks more than in the year before last. This slight decrease may be due probably to the band performances in the garden being less frequent in the year under report, arrangements having been made to give some performances at the Esplanade Band Stand from the grant sanctioned by the Corporation.

5. The difficulty of securing not only mallees but even ordinary coolies to replace absentees and those going on leave or leaving service altogether for higher wages elsewhere and for various other reasons, still continues and was very acute especially at the end of the year so that the work had to be carried on daily with a reduced staff. The difficulty of maintaining the gardens in a neat and proper condition under such circumstances considering that both animals and plants require constant care and attention, may well be imagined. In spite of this difficulty, however, the gardens were maintained in as good a condition as possible as is well-known to the Commissioner and other visitors who pay frequent visits to the Gardens.

6. The road repairs which could not be carried out by the Executive Engineer during the previous year were taken in hand and carried out during the year under report, and most of the roads were kept in a fairly good condition throughout the year.

7. Two pieces of storm water drains to carry rain water across roads were constructed by the Drainage Department, but a great deal of this work yet remains to be done to improve the drainage of the Gardens which are often swamped and water-logged in the rains.

8. The scheme for laying water pipes and taps which was sanctioned some years ago having been nearly completed, no new water pipes were laid during the year under report. Great difficulty, however, is experienced in watering the plants and roads as the water supply has been getting less and less year by year and water is now available only for a few hours in the morning and afternoon and that even at a low pressure.

9. 605 plants were supplied to the Executive Engineer's Department for public road planting, during the year under report.

10. The work of planting suitable trees and shrubs has been continued, but the scarcity of trained mallees and the deficient labour supply hamper the work greatly.

11. It may be useful to record here the flowering and fruiting of the bamboo (Bambusa arundinacea) and the magnificient Talipot palm (Corypha umbraculifera) in the Gardens, during the year under report. Both the bamboo and the Talipot flower and seed after several years and then die down. One of the bamboo clumps in the Victoria Gardens flowered in the previous year which was then considered to be abnormal. The same clump, however, besides two others flowered at the end of the year under report, and it is probable that all the clumps will flower in a year or two and then die. The abnormal flowering of a few in advance of the others and the survival and reflowering of the one which flowered in the previous year may probably be due to the abnormal conditions under which the bamboos grow in the Gardens, *viz.*, under constant irrigation throughout the year. Of the Talipot palms one in the Victoria Gardens and one in the Elphinstone Circle Garden flowered and fruited during the year under report. Unfortunately no records exist in the garden as to when the bamboos and the Talipots were planted in the Garden.

12. The new additions to the collection of plants are shown in Appendix A to this report. During the visits I paid to the Penang and Singapore Botanical Gardens on my way to and from Japan, I had selected a large number of new ornamental and economic plants from both of these places. Considerable difficulty however was experienced in getting the authorities of those gardens to send the plants here. After some correspondence, however, arrangements were made to send the amount in advance to the Superintendent of the Singapore Gardens and a number of plants were received in two batches from there. Most of these arrived here alive, but several very nice ones came much damaged or dead. The plants ordered from the Penang Gardens have not yet arrived, the Superintendent of the gardens there not replying to letters and reminders sent to him about them.

13. The band performances in the Garden continue to be very popular. The Bombay Electric Supply and Tramways Co. arranged, as in the past year, to give a number of band performances at their own cost and carried the bandmen in their cars free of charge during all the performances including those played at Municipal expense, for which thanks are due to them. No good bands being available for the Garden performances on all Saturdays, during the latter half of the year, owing to some performances being given at the Band Stand, the Bombay Electric Supply and Tramways Co. arranged, in March last, to have the Drums and Fifes of the Gloucester Regiment to play at their cost during the band performances given at Municipal expense, on every alternate Saturday, in the Garden, and the band performances consequently became even more popular. As stated in para 4 of this report, arrangements were made since the 1st of November 1909, to give a number of free public band performances at the Esplanade Band Stand, which have been much appreciated by the public, the Band Stand Green and its surroundings being crowded with pedestrians and people in carriages, on band evenings.

14. As the benches provided for the visitors in the Victoria Gardens were found insufficient during the band performances, fifty more benches were purchased from the special grant for the improvement of the garden and placed around the Band Stand in the Garden.

15. The lighting arrangements during the band performances in the Victoria Gardens being insufficient and defective, frequent complaints were heard from the visitors about it. To remedy this defect the Managing Director and the Managing Engineer of the Bombay Electric Supply and Tramways Co. were approached personally and they kindly agreed to supply power from the tramways traction feeder (electric power supply cables not being yet laid in this locality) for 9 electric arc lamps and to lay the poles and wires for the same. Estimates for this work were consequently prepared and sanctioned from the special grant for the improvement of the garden but the work was not commenced up to the end of the year.

16. The improvement of the zoological portion of the garden received a temporary check during the year under report, no new cages or enclosures being put in hand. Estimates for renewing the old wooden railing of the reserve deer enclosures and the construction of another compartment for game birds were prepared and sanctioned, but neither of these works was taken in hand upto the end of the year.

17. Elephant rides continue to be popular, 5,237 adults and 9,430 children taking advantage of them during the year against 5,125 and 8,621 in the previous year, showing some increase in the numbers of both. The camel having been trained for riding purposes, camel rides were also commenced since December 1909, at a charge, of annas 2 for each adult and anna 1 for each child, sanctioned by the Corporation in their Resolution No. 5781 dated the 11th December 1908, and were taken advantage of by 219 adults and 283 children. The

unsuitability of the saddle for young children and ladies, and the absence of a mounting platform have somewhat interfered with the popularity of the rides. The animal is also not of the breed suitable for riding purposes and is often unfit to be used for riding on account of sores and eruptions on its body due to constitutional impurity of blood.

18. The list of additions to the collection of animals and the casualties among them is appended to the report (Appendix B). Among the important additions may be mentioned a Brown Bear presented by Mr. Merwan K. Irani, a Black Himalayan Bear by Mr. R. N. Aylward from Chamba, a Leopard by Messrs. Cawasji Dinshaw and Brothers from Aden and a Vicuna purchased. The casualties numbered, as usual, several animals killed by other inmates of the same cage while fighting with one another, such as a Brown Bear, Leopard cub, Spotted Deer, Antelopes, Gazelles, Rib-faced Deer, Hog Deer and Pheasants, &c. and also some birds from chicken cholera. Among other casualties may be mentioned a tiger, a Puma, a young Wild Ass, Campbell's Monkeys, a Giant Tortoise, Ruffed and Ring-tailed Lemurs, an Emu and a Cassowary. A number of the casualties occurred as usual from accidents and diseases due to parasites and micro-organisms. Fortunately there were no cases of plague among the animals during the year under report.

19. The other Municipal gardens were maintained in their usual condition. The Northbrook Garden still continues to be occupied with health camps and the garden at Mahim has also again been utilized for the same purpose.

20. The budgetted grants and the actual expenditure on the maintenance of the different gardens for the year under report are shown in the table below:—

Names of Gardens	Budget Grants.	Expenditures.	Remarks.
		Rs. a. p.	
(*a*) Victoria Gardens	85,366	56,837 8 2 22,600 2 6	Amount to be paid for liabilities incurred in the year.
(*b*) Elphinstone Circle Garden ...	1,708	951 11 7 440 10 11	Do. do.
(*c*) Falkland Road Garden ...	432	174 15 8 54 5 4	Do. do.
(*d*) Northbrook Garden	1,604	971 10 5 310 8 0	Do. do.
(*e*) Sir Cawasji Jehangir garden at Mahim	652	315 14 11	
(*f*) Bazar Gate Garden	676	407 9 3	
(*g*) Dick's Tank Garden	382	228 6 2 64 0 0	Do. do.
(*h*) Malabar Hill Garden	766	512 12 8	
(*i*) Esplanade Garden	2,500	2,249 8 8	
Total Rupees...	94,086	86,119 12 3	

I have the honour to be,
Sir,
Your most obedient servant
C. D. MAHALUXMIVALA,
Superintendent, Municipal Gardens.

APPENDIX A.

List of Plants added to the Collection in 1908-1909.

Names of Plants.	From whom received.
Cypripedium niveum	Purchased.
Oncidium krameriannm	
Pinus sylvestris (Scotch Fir)...	Seeds in exchange from the Empress Bot. Garden, Poona.
Anona glabra	
Callicarpa americana	
Cecropia peltata...	
Cestrum nocturnum	Seeds in exchange from Mr. P. J. Wester, Miami Fla United States of America.
Ipomœa dissecta	
Do. Jalapa	
Do. setosa	
Solanum verbascifolium	
Acalypha alipurense	
Allamanda purpurea	
Adiantum inebriatum...	
Arundo metallica	
Bambusa nana	
Bauhinia Galpini	
Beaumontia khasiana	
Canna Duchess of York	
Do. H. H. the Maharajah of Bhopal	
Do. Gaikawar of Baroda	
Do. Lancaster	
Do. Legion of Honor	
Do. Morning Glow	
Do. Mrs: Eggar	
Do. Mrs: Sale	
Do. Nizam of Hydorabad	
Do. Percy Lancaster	
Clerodendron fallax	Received in exchange from the Agri: Hort: Society of India, Calcutta.
Cassia nodosa	
Ceraynostylis Aubletii	
Clitoria double blue	
Do. Do. purple...	
Do. Do. sky blue	
Erythroxylon brasiliense	
Gardenia devoniana	
Ixora alipurense...	
Geitonoplesium (*Luzuriaga*) cymosum	
Litchi McLeana...	
Melodinus monogynus...	
Nephrolepis parsonii	
Passiflora coccinea	
Trachelospermum (*Rhynchospermum*) jasminoides variegata	
Tecoma grandiflora	
Thunbergia Harrisyana	
Atalantia monophylla	
Cassia Remigera...	In exchange from the Byculla Club, Bombay.
Sophora tomentosa	Seeds in exchange from the State Gardens, Baroda.
Globba testiflora	
Lygodium sp:	Received in exchange from the Royal Botanical Garden, Calcutta.
Petalidium barberioides...	
Hernandia sonora	
Anona Cherimolia	
Bachmeria nivea var tenacissima	Purchased from the Govt. Bot. Gardens, Ootacamund.
Cephaelis Ipecacuanha...	
Ipomœa Purga	

APPENDIX A—*continued.*

Names of Plants.	From whom received.
Acanthus mollis...	
Achillea Millefolium (white)	
Do. Do. (Pink)	
Lychnis (*Agrostemma*) coronaria	
Alstroemeria aurantiaca	
Aponogeton distachyon	
Remerocallis fulva	
Pitcairnia spathacea	
Patsia japonica (*Aralia sieboldii*)	Purchased from the Government Botanical Gardens, Ootacamund.
Rhododendron (*Azalea*) indicum	
Do. Do. indicum (pink)	
Bombax Fortunei	
Impatiens hookeriana	
Salix babylonica	
Thalictrum javanicum	
Osmunda regalis	
Myrtilus fragrans	
Cyrtanthus M' Konii	
Livista orbicularis	
Borassus Machadonis	
Rhopaloblasto hexandra	
Heteropathe elata	
Licuala spinosa	
Iguanura Wallichiana	
Phœnix humilis	
Kentia Woodfordii	
Chamædorea sp:	
Areca Liteori	
Do. undulatifolia	
Do. Westerhoutii	
Calyptrocalyx spicatus	
Livistona Woodfordii	
Orocosperma tigillaria	
Rhodospatha blanda	
Philodendron imperialis	
Do. Mamei	
Anthurium splendidum	
Aglaonema longifolia var Curtisii	
Scindapsis pictus	Purchased from the Botanical Gardens, Singapur.
Do. argyræa	
Curculorica incisa	
Do. jamaicensis	
Cyclanthus bipartitus	
Uvaria coccinea	
Ipomœa Horsfalliae var Briggsi	
Tecoma ceramensis	
Bignonia crucifera	
Aristolochia goldieana	
Parkinsonia aculeata	
Poinciana pulcherrima	
Paradisea papuana	
Clerodendron paniculiflorum	
Rosmarinus officinalis	
Mikania Scandens	
Oxalis disper	
Gustavia superba	
Eugenia aquea	
Wormia suffruticosa (*rubiginosa*)	
Acrostemma costata	
Nepenthes madagascariensis	

APPENDIX A—*continued.*

Names of Plants.	From whom received.
Odontadenia speciosa	Purchased from the Botanical Gardens, Singapur.
Willoghbeia firma	
Cassia multijuga	
Mesua ferrea	
Garcinia mangostana	
Nephelium mutabile	
Do. melnoccensis	
Do. lappaceum...	
Lansium domesticum	
Lansium domesticum Var. Duku	
Dichopsis oblongifolia	
Amomum (*Nicolaia*) hemisphæricum	
Do. do. maingaryii	
Do. do. fulgens	
Pandanus Houlletii	
Do. sanderiana	
Facca crista ta	
Cyrtophyllum fragrans	
Xanthosoma (Phyllotænium) Lindeni	
Carludovica (*Ludovica*) drudlei	
Polytremia cupriana	
Antigonon Lancastri	In exchange from the Agri: Hort: Society of India, Calcutta.
Artemisia sp.	
Caryoptris (blue)	
Chlorocodon (white)	
Domboya acutangula (*angulata*)	
Dioscorea discolor	
Maranta Alipurense	
Puttia grandiflora	
Rhaphistemma pulchellum	
Aerides Vandarum	Purchased from M. G. Conzens, Imphal (Assam).
Cypripedium hirsutissimum	
Dendrobium devonianum	
Do. gratiosissimum	
Do. infundibulum	
Do. fimbriatum	
Renanthera Taschootiana	
Phaius (Thunia) Marshallio...	
Vanda stangeana	
Do. coralea...	
Anodendron paniculatum	In exchange from the Agri: Hort: Society, Madras.
Barleria Sp.	
Begonia venosa	
Nyctocalos Thomsoni	
Chlococca racemosa	
Centrosema (clitoria) Plumieri	
Congea tomentosa	
Couroupita guaianensis	
Chlorocodon Whitei	
Gouania domingensis	
Hoya carnosa, variegata	
Ipomœa bryonifolia	
Lonicera Lerchevaultii...	
Passiflora Buonapartea...	
Vernonica elanguifolia	
King pine	
Queen pine	
West Indian pine	
Water fern	
Aglaonema marantifolium	Purchased from the Botanical Gardens, Singapur.

APPENDIX A—*continued.*

Names of Plants.	From whom received.
Allamanda violacea	
Asplenium squamulatum	
Eranthemum malaccense	
Beloperone oblongata	
Calamus angustifolia	
Do. aquatilis	
Do. Jenkinsianus	
Do. rovalis	
Do. scipionum	
Do. rudentum	
Do. Redlbyanus	
Cyrtostachys Lakka	
Metroxylon (Sagus) laevis	
Platycerais latifolia	
Sarcochilus calceolus	
Sapthoglottis plicata	
Renanthera moschifera	
Arundina bambusifolia	
Bignonia crucigera	
Comocasia maxicana	
Durio Zibethinus	
Eugenia caryophyllata	
Irora macrothyrsa	
Memecylon cuticleum	
Nepanthes ampullaria	
Do. Rafflesiana	Purchased from the Botanical Gardens, Singapur.
Do. sanguinea	
Orthosiphon stimineus	
Palisota Barteri	
Pennisetum orientale (macrostachyum)	
Solanum xanthocarpo	
Tecoma amboinensis	
Eynometra cauliflora	
Hydrocleis Commersoni (Limnocharis Humboldtii)	
Tidea	
Daemonorops didymophyllus	
Do. grandis	
Hetrospathe elata	
Kentia Sanderiana	
Malortica fenestrata	
Calenthe veratrifolia	
Bromheaia palustris	
Cirrhopetalum Medusæ	
Coelogyne asperata	
Do. Cumingii	
Do. Rochusseni	
Do. testacea	
Cymbidium Eulaysonianum	
Do. excelsum	
Grammatophyllum speciosum	
Dæmonorops melanochaete microcarpus	In exchange from the Byculla Club, Bombay.

C. D. MAHALUXMIVALA

Superintendent, Municipal Gardens.

APPENDIX B.

List of increase and decrease of animals in the Victoria Gardens during 1909-1910.

A—The following were added to the collection during the year under report :—

Nos.	Names.	Presented by
	By Presentation.	
1	Brown Bear	Mr. Merwan K. Irani.
1	Mongoose Lemur	„ D. Wooralt.
2	Leopard Cubs...	„ O. R. Winch.
1	Indian Antelope	„ Osmaston.
1	„ „	Lady Janbai.
1	Gazelle...	Mr. K. M. Adenvalla.
1	Leopard	Messrs. Cawasji Dinsha v and Brothers of Aden.
1	Indian Gazelle	Mr. Lakhmidas Viharidas.
1	Arabian „	Mrs. Leslie Crowford.
1	Indian Monitor	Mr. M. H. Nicholson.
1	Thick-tailed Galago	Miss F. Mullen.
1	Gazelle	Mr. C. H. Wilson, C. I. E.
1	Indian Antelope	Mr. D. Naoroji.
1	Mouse Deer	H. H. the Nawab Saheb of Junagadh.
1	Arabian Gazelle	Mrs. F. Smyth.
1	Red Lory	Mr. Khimji Asar Virji.
1	Nilgai	„ Amidmal Chesmal.
1	Leopard Cub	Lt. Carter, R. N.
1	Himalyan Bear	Mr. R. N. Aylward.
1	Roseate Cockatoo	„ Jagjiwandas Narsidas.
1	Malbrouck Monkey	Mrs. G. Paris
1	Four-horned Antelope	Mr. C. Gilbert.
1	Indian Gazelle	„ Cooverji, H. Hyderabadwalla.
1	Langur Monkey	„ H. Seton-Karr.
	Born in the Gardens.	
2	Lemur Mongoose.	3 Spotted Deer.
2	Mouse Deer.	1 Black-tailed Wallaby.
5	Indian Antelopes.	4 Wolves.
4	Porcupines.	4 Jackals.
1	White Peafowl	
	By Purchase.	
1	Orang-outang.	2 Rosella Parrots.
3	Lion-tailed Monkeys.	2 King „
5	Mongoose Lemurs.	3 Reeves Pheasants.
2	Pairs Mandarin Ducks.	1 Vienna.
2	„ Jungle Fowls.	4 Pelicans.
3	Tragopans.	4 African Baboons.
2	Red Lories.	4 Ring-tailed Lemurs and other small Mammals and birds.
2	Muller's Parrots.	
2	White Breasted Parrots.	
	By Exchange.	
1	Pair Malayan Bears	1 Pair Indian Sloth Bears.

B—The following were among those that died during the year under report.

1	Brown Bear.
2	Amherst's Pheasants.
2	Leopards.
2	Monaul Pheasants.
1	Black Swan.
1	Spotted Deer.
1	Puma.
3	Gazelles.
2	Mouse Deers.
1	Ruffed Lemur.
1	Orang-outang.
1	Wallaby.
2	Ring-tailed Lemurs.
1	Lion-tailed Monkey.
2	Pelicans.
1	Emu.
1	Common Crane.
1	Wild Ass young.
1	Rib-faced Deer.
1	Crown Pigeon.
2	Tragopans.
2	Campbell's Monkeys.
1	Giant Tortoise.
3	White Swans.
1	Tiger.
1	Sambur.
1	Cassowary.
1	Hog Deer.
2	Sloth Bears.
1	Kalij Pheasant.
1	Crocodile.

C. D. MAHALUXMIVALA

Superintendent, Municipal Gardens.

M—VICTORIA AND ALBERT MUSEUM.

REPORT OF THE CURATOR AND SECRETARY, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. 55, DATED 3RD MAY 1910.

SIR,

I HAVE the honour to submit the following Annual Report of the Victoria and Albert Museum for the year 1909-1910.

I resumed charge of the office of the Curator and Secretary of the Museum on the 22nd of November last from Mr. G. F. Pollard, who was acting for me while I was away on leave for eighteen months and twenty-one days.

The following table gives the comparative attendance of visitors to the Museum during the years 1908-1909 and 1909-1910.

Year.	No. of days the Museum was open.	Total No. of Visitors.	Daily Average.
1908-1909	313	8,82,493	2,820
1909-1910	305	9,38,951	3,078

It will be seen from an examination of these figures that the average daily attendance has again increased, a fact, I am of opinion, due entirely to the efforts that have been made in recent years to show in a more popular and more comprehensible manner the specimens in the Natural History and Economic Sections of the Museum.

During the year under report, the Vestibule and North and South bays of the Museum were repainted in oil colour. The result has been highly satisfactory and these portions of the Museum now compare very favourably with the rest which it is hoped will be similarly treated in course of time. The work was carried out entirely under the superintendence of the Executive Engineer's Department.

NATURAL HISTORY.

Two specimens of an African Lion and Lioness mounted and set up at the firm of Messrs. E. Gerrard & Sons, Taxidermists, London, were received and these will shortly be exhibited in the large case in the midst of appropriate natural surroundings.

The following specimens in Natural History were received from the Superintendent of Victoria Gardens:—

Three specimens of cranes, one specimen of a Pheasant, one specimen of Puma, one specimen of a Leopard, one specimen of a Lory, one specimen of a Giant Tortoise, and one specimen of a Heron. All these were skinned, cured and set up by the Museum Taxidermist, and will be utilised in the construction of new cases for this section in the current year.

A case containing the specimen of a large Bengal Tiger was made and exhibited during the year. The animal is shown lying at the mouth of a cave, and the case like others similarly made appears to be very popular.

The specimens of Parrots and Parrakeets received during the year 1908-1909, were all mounted and set up in one case, and all of them have been identified and labelled.

Two sets of 30 coloured Plates each of different kinds of Indian Ducks, printed by the Bombay Natural History Society were purchased from the Hon. Secretary of the Society and these will now be framed and hung up on the walls in the Natural History Section of the Museum.

ARCHÆOLOGY.

Under this head, I am sorry to report that the whole of our collection of Gold coins was stolen from the Museum on the night of 14th April 1909. The Police were duly informed, but as yet the thief remains undetected.

The important addition to this collection during the year consisted of two Stone Hindu Mythological figures, and one Stone Image of an Old Hindu Warrior. These were sent by the Mamalatdar at Ron in the District of Dharwar.

III. ART AND INDUSTRY.

A large portion of the collection of Silver Art-ware and ornaments belonging to the Museum was, I regret to state, stolen on the nights of 14th May and 14th of September last, respectively. Articles of the total value of Rs. 1,214 were removed, but up to now, nothing has been ascertained, which might eventually lead to their recovery and the detection of the thieves. As under the circumstances it seemed dangerous to leave articles of value in the cases, the remaining articles have been removed and stored in a safe place.

The following articles were purchased for the collection of specimens in the Textiles (1) Shahapuri Garbhasuti Lugda, (2) Shahapuri Silk-bordered Lugda, (3) Maheswari Garbhasuti Lugda, (4) Dharwar Silk-bordered Lugda, (5)Ahmedabad Silk-bordered Lugda.

Five specimens of Ivory work were purchased at the Broach Exhibition, as these appeared to be specimens of a Industry peculiar to the place. These with similar articles already in the Museum have now been exhibited in a case and this small collection, I hope, will form a nucleus of a collection of a very valuable and interesting industry.

Two old Indian paintings which were exhibited at the last Calcutta Exhibition were purchased at a cost of Rs. 200 from the Principal of the School of Art, Calcutta, and these after being framed, will shortly be put up on the Museum walls.

The Agricultural and Forest specimens belonging to the Museum, which were lent to the Franco-British Exhibition of 1908 were received back, and all these have now been rearranged and labels containing the necessary information have been typed and put against every specimen of the collection.

ETHNOLOGY.

The photographs of different castes and tribes taken during the last two or three years at the Museum have been collected together in an album, a collection likely to prove a very useful, interesting and valuable one. Clay models based on these photographs and books of reference on the subject of Ethnology, were made, and seventy of such models representing different types of men were made during the course of the year under report. These with the previous year's collection, have now been systematically arranged and the whole forms an almost complete record of the various races and castes found in Western India.

As the case depicting a scene from the Ramayana, mentioned in the report for 1908-1909 was found to be very popular, a second case containing a scene from the other Epic poem Mahabharata has been prepared. The scene selected is the embassy of Shri Krishna to the Court of the Kauravas before the great war. Apart from the interest that attaches itself to the subject, the mythological character of the case appeals very strongly and thus tends to make it a centre of attraction.

Models representing the images of Ganpati, Agni (Fire-God), Parashram and Vaman (Incarnations of Vishnu), and Yama (God of the Dead) have also been made and it is hoped in the coming year to complete as far as possible the representatives of the chief of the Gods of the Hindu Pantheon.

Three plates showing the different Hindu Sectarian marks belonging to the Vaishnava, Shiva, Sakta, Budhist and Jain sects, were painted so as to show the different pigments and the forms of out-line in which these are borne by the members of the different sects on their person.

For the present five Musical Instruments of the Hindus have been purchased at a cost of Rs. 200. They are (1) Tambura, (2) Shrutivina, (3) Taus, (4) Rabob, (5) Sarmandal. These will be exhibited in a case specially made to receive them with photographs showing how the different instruments are played with the addition of an explanatory brief notice regarding the instrument itself.

The completion of the work of painting the walls in the south bay of the Museum, enabled me to have four large wooden shields put up on them to receive the collection of arms and armour. These are now displayed to far greater advantage than was formerly the case when they were kept without being arranged in one of the old cases.

GEOLOGY.

Mr. H. Page, to whom the work of arranging, classifying, and cataloguing the Geological specimens of this Museum was entrusted, has completed the arrangement of the specimens according to their classification. The work of cataloguing them is still in his hands.

MUSEUM LIBRARY.

The Library continued to receive books from the Government of India, Government of Bombay and the Smithsonian Institution as usual. The following books on different subjects were purchased during the year.

Imperial Gazetteer Vol. 5 to 26, Journal of Indian Art for 1909, Tulsi Plant by C. A. Kincaid, Spirit of Islam, Metheis, Mikirs, Indian Ducks, India, Indian Sculpture and Paintings, Brahmanism and Hinduism, Indian Criminal, Other side of Death, Creed of Buddha, Edicts of Asoka, Portfolio of Buddhistic Art, Enamel and Enamel Painting, Women of all Nations Vol II, Behind the Veil of Persia, Cambridge Natural History Series Vol. IV, Mediæval India, Catalogue of the Muhamidan coins by S. Lainpool, Vedic India, Text Book on Mineralogy by Dana, Indian Empire in 8 Volumes, Five months in the Himalayas, Oriental Races and Tribes Vol I, Leo's Astrology Vol I and II, Wright's catalogue of coins in the Indian Museum Vol III, Marine Zoology Part I and Vol 76 to 92 of Genera Insectorum.

Castes and Tribes of Southern India in 7 Volumes was presented to the Museum by the author Mr. E. Thurston.

I have the honour to be

Sir,

Your most obedient servant,

CECIL L. BURNS

Curator and Secretary.

ANNUAL REPORT ON THE GENERAL STORES DEPARTMENT FOR THE YEAR 1909-10.

(*Report of the Storekeeper submitted with his No.* 1425 *of* 16th *May* 1910.)

SIR,

I HAVE the honour to forward herewith the Annual Report of the Central Stores for the year 1909-1910.

2. The following list shows the different contracts entered into during the year under report :—

Serial No.	Names of Firms.	Articles of supply.
1	Messrs. Hassanali Adamji & Co.	Miscellaneous and Hardware Stores.
2	,, Garlick & Co.	Iron-castings.
3	Mr. Sorabji Hormusji Wadia	Timber.
4	,, Ditto ditto	Benteak and Calicut Logs.
5	Messrs. Abdulali Karimbhoy & Co.	Waterproof coats.
6	Mr. Hassanali Mulla Hakimji	,, umbrellas.
7	Messrs. Abdulali Karimbhoy & Co.	Oil Kerosine Russian 125°.
8	The Standard Oil Co.	,, ,, American 150°.
9	Messrs. Keshawji Jadhawji & Co.	,, cocoanut.
10	,, Ditto ditto	,, castor and gingelly.
11	,, Hassanali Adamji & Co.	Cotton waste, white and coloured.
12	The Vacuum Oil Co.	Oil mineral, shafting, lubricating, &c.
13	Messrs. Turner Morrison & Co.	Oil linseed and spirit of turpentine.
14	,, Macbeth Brothers & Co.	Grease axle mineral.
15	,, Hassanali Adamji & Co.	Canvas hose, Europe.
16	,, Greaves Cotton & Co.	Canvas hose 2½".
17	,, Balmer Lawrie & Co.	Hose flaxen India rubber lined 2½".
18	,, Bhawoo Kashinath & Co.	Gun metal and copper scrap.
19	Mr. Adamji Shaik Shamsoodin...	Lead pig.
20	,, Ditto ditto.	Lead sheets and water pipes.
21	Messrs. Hassanali Adamji & Co.	Tin block and white metal.
22	,, Mulji Haridas & Co.	Iron and steel bars and plates.
23	,, Hassanali Adamji & Co.	Buckets galvanized.
24	,, Ditto ditto	Hoes (Powras iron) Europe.
25	,, Bhawoo Kashinath & Co.	Chain iron.
26	Mr. Suleman Janmahomed	Firewood and charcoal.
27	Messrs. Abdulali Karimbhoy & Co.	Brooms Goa and Date.
28	,, Ditto ditto	Baskets cane and bamboo.
29	Mr. Adamji Shaik Shamsoodin...	Leather hides.
30	Messrs. Hassanali Adamji & Co.	I. R. sheets and washers for Morris [couplings.
31	,, Ditto ditto	Soap Europe and country.
32	,, Ditto ditto	Lamps Hurricane and Globes.
33	,, Ditto ditto	Wicks for lamps and tape cotton.
34	,, Bhawoo Kashinath & Co.	Nose strings cotton for bullocks.
35	,, Hassanali Adamji & Co.	Smoke testers.
36	Mr. Karimbhoy Moosaji Nalwalla	Shoes and nails iron for bullocks.
37	Messrs. Bhawoo Kashinath & Co.	Line coir.
38	,, Hassanali Adamji & Co.	Rope coir.
39	,, Bhawoo Kashinath & Co.	,, hemp old for torch lights.
40	,, Hassanali Adamji & Co.	,, Manilla best.
41	,, Bhawoo Kashinath & Co.	,, cotton and line log country.
42	,, D. R. Umrigar & Co.	Yarn spun and yarn hemp.
43	,, Wilkinson Heywood & Clarke... ...	Paints of sorts.
44	,, D. R. Umrigar & Co.	Shellac Bengal best.
45	,, Hassanali Adamji & Co.	Tar or pitch coal Europe.
46	,, Bhawoo Kashinath & Co.	Files of sorts.
47	,, D. R. Umrigar & Co.	Nails and screws iron.
48	,, Ditto ditto	Bolts and nuts iron.
49	Mr. Adamji Shaik Shamsoodin...	Rivets and washers iron.
50	Messrs. D. R. Umrigar & Co.	Packing karmal.
51	,, Hassanali Adamji & Co.	,, asbestos and tucks patent.
52	,, Garlick & Co.	Pipes and fittings galvanized.
53	,, Hassanali Adamji & Co.	Shafts wooden Bhendy.
54	Mr. Adamji Shaik Shamsoodin	Copper ball valves.
55	Messrs. Hassanali Adamji & Co.	Cloth Dungry.
56	,, Chandrappa Sabanna & Co.	Cumblees woolen.

3. A separate contract for oil cocoanut was entered into for a period from 1st January to 31st December 1909.

4. The following important contracts were also entered into during the year :—

Serial No.	Names of Firms.	Articles of supply.	Approximate value.		
			Rs.	a.	p.
1	Messrs. Thomson Taylor & Co. ...	Izal disinfectants	16,402	8	0
2	,, Turner Hoare & Co. ...	Bristols Recording pressure gauges .	880	0	0
3	,, Richardson & Cruddas ...	Pig Lead	9,650	0	0
4	,, W. A. Graham & Co. ...	Pesterine	8,600	0	0
5	,, ,, ,, ...	,, ...	8,600	0	0
6	,, Hassanali Adamji & Co. ...	6″ S. W. Pipes	1,250	0	0
7	,, ,, ,, ...	Half round teakwood sleepers ...	1,725	0	0
8	,, ,, ,, ...	165 pairs of Boots	742	8	0
9	,, ,, ,, ...	Clothing to different hospitals ...	8,140	3	9
10	,, Balmer Lawrie & Co. ...	Merryweather's Dub-sub hose Rubber lined 2½″	800	0	0
11	,, ,, ,, ...	Motor Engines and Flaxen hose &c.	28,434	6	0
12	,, Ewart Latham & Co. ...	6″ S. W. Pipes	6,052	1	4
13	,, Marshall Sons Ld	C. I. Pipes, special castings and sluice valves	2,27,677	11	8
14	,, Geo. Service & Co. ...	C. I. pipes. special castings, mild steel pipes and sluice valves ...	37,850	4	8
15	,, John Fleming & Co. ...	Bassa Broom Ribs	531	0	0
16	,, Turner Hoare & Co. ...	Positive and Inferential water meters	6,745	15	0
17	,, Garlick & Co.	3″ C. I. Tubes	1,547	6	0
18	,, John E. Minnitt & Co. ...	9″ S. W. Pipes	2,812	8	0
19	,, Garlick & Co.	Positive and inferential water meters	1,292	0	0
20	,, Richardson & Cruddas ...	6″ S. W. Pipes	853	2	0
21	,, Geo Service & Co. ...	Solid drawn brass tubes	505	12	0
22	,, Geo. Service & Co. ...	C. I. pipes and tubes	2,058	1	9
23	,, John E. Minnitt & Co. ...	Cast steel valves and hinge blocks..	1,750	0	0
24	,, Turner Hoare & Co. ...	C. I. Pipes, special castings and sluice valves	93,516	2	10
25	,, John Fleming & Co. ...	Positive and inferential water meters	6,906	2	9
26	,, Macbeth Brothers... ...	Red-grey non-kinkable rubber hose.	1,010	0	0
27	The Bombay Gas Co.	Distilled coal tar	3,000	0	0
28	Messrs. Turner Hoare & Co. ...	C. I. Pipes, special castings and sluice valves	2,098	14	2
29	,, John Fleming & Co. ...	Naves and axles	4,690	1	0
30	,, Richardson & Cruddas ...	18″ S. W. Pipes	1,050	0	0
31	,, Turner Hoare & Co. ...	Pig lead	3,527	13	0
32	,, Ahmedali Gullam Hoosein & Co.	Half round teak sleepers	2,200	0	0
33	,, Turner Hoare & Co. ...	Deacon's meters	10,567	8	0
34	,, ,, ,, ...	Sluice valves and special castings...	1,746	15	0
35	The Bombay Gas Co.	Distilled coal tar	1,750	0	0
36	,, ,, ...	,, ,, ...	3,000	0	0
37	,, Richardson & Cruddas ...	9″ S. W. pipes	4,600	0	0
38	,, ,, ,, ...	Deacon's meter parts	869	4	0
39	,, Forbes, Forbes Campbell & Co.	Portland cement	21,000	0	0
40	,, Turner Hoare & Co. ...	Hydrant Castings	1,305	0	0
41	,, ,, ,, ...	Non-kinkable rubber hose... ...	952	8	0
42	The Asiatic Petroleum & Co. ...	Pesterine	4,550	0	0
43	Messrs. Richardson & Cruddas ...	Double acting suction hand pump..	519	12	0
44	,, Geo. Service & Co. ...	9″ C. I. Pipes	9,946	6	2

5. The following quotations were also invited :—

1. The purchase of 300 empty Portland Cement casks.
2. 4" & 6" C. I. Sluice valves complete with tail pieces.
3. 630, 4' Stoneware pipes.
4. 96 pairs of woolen putties.
5. 12, 3" Sluice valves.
6. 60 & 12 Stoneware quadrant and T junction.
7. 2 Bevil gearings.
8. 2 Bristol's Pressure Recorder gauges.
9. Rubber stamps.
10. 2 Handrollers.
11. 110 Rft. Copper wire netting.
12. 12, 4' Sluice valves with spigot and socket tail pieces, complete.
13. 6, 6" do. do. do.
14. 200, 4" Stoneware pipes.
15. 1 Double diaphragm hand pump.
16. 1 Double acting suction hand pump.
17. Leather washers.
18. 24, 6"×6" S. W. gully traps.

6. The Store yard has not yet been divided, having been delayed for removal of pipes &c., it is hoped that the work will soon be carried out as space is being cleared up for the purpose.

7. The Gatekeeper's office was built during the year.

8. The Stores compound on its west side is still unprotected except for a low wall with wire fencing which is quite inadequate for protection. I consider a wall as brought to notice in my last report necessary.

9. The compound at the Bellasis Bridge Pipe Depot is also quite unprotected on its eastern side and northern end and property stored in the open is subject to being stolen. Attention is invited to para 11 of my report for 1908-09 on this subject.

It is hoped that the two chowkies to be put up at this Depot will be finished at an early date.

10. The value of serviceable stock on the 31st March 1910, was Rs. 4,61,821-8-0 as compared with that at the end of the previous year *viz.* Rs. 4,71,828-15-5 being an increase of Rs. 28,490-10-7 under certain heads and a decrease of Rs. 38,498-2-0 under other heads resulting in a net decrease of Rs. 10,007-7-5. The increase is due principally to the purchase of pipes and fittings for the use of Water Department which it is presumed will be used up on special works.

11. The value of Surplus and Obsolete Stock on the 31st of March, 1910, was Rs. 45,050-8-5 as compared with Rs. 53,924-8-0 for the previous year being a decrease of Rs. 8,874-0-7.

12. The following statement shows the value of stores purchased and issued during 1909-10 and balance in hand on 1st April 1910 according to the Ledgers of this Department:—

Particulars.	General Stores.	Surplus and Obsolete Stores.	Line Suspense Account.	Total.
	Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores in hand on 1st April, 1909...	4,71,828 15 5	53,924 9 0	1,22,344 10 0	.....
Value of Stores receipts including transfers during 1909-10	6,23,556 6 9	452 14 0	409 5 5	.....
Total value Rs...	10,95,385 6 2	54,377 7 0	1,22,753 15 5	.....
Less—				
Value of Stores issued including transfers during the year 1909-10	6,33,164 5 1	9,326 14 7	1,766 12 0	.....
Balance... ...	4,62,221 1 1	45,050 8 5	1,20,987 3 5	.....
Less—				
Discrepancies adjusted as per Clause 29 of the Stores and Stores Audit Manual against "Rate Adjustment Account"...	*Less*— 399 9 1	.....	.....	.....
Value of Stores on 1st April 1910...	4,61,821 8 0	45,050 8 5	1,20,987 3 5	.....

13. During the year under review application was made on the recommendation of the Deputy Executive Engineers, Water Works and Drainage to dispose of obsolete stores of the book value of Rs. 23,000 or thereabout but sanction to their sale was not received till the date of the writing of this report.

I have, &c.,

J. LACEY

Storekeeper.

LICENSE DEPARTMENT.

REPORT OF MR. L. W. MICHAEL, SUPERINTENDENT OF LICENSES FOR THE YEAR 1909-10, SUBMITTED UNDER HIS NO. 1165, DATED 29TH APRIL, 1910.

I HAVE the honor to submit my Annual Report for the year 1909-10.

2. I held office of the Superintendent of Licenses during 11 months of the year. During my absence on privilege leave for 1 month, Mr. Clarke, the Senior Inspector, of this Department, acted for me.

3. I am glad to report a further increase in the Revenue from Rs. 84,646-8-0 to Rs. 85,371 as per lists A & B appended hereto, which is an increase of Rs. 725-8-0 over last year and Rs. 371 on the Budget estimate for the year under report. The revenue would have been still greater had it not been for the fact (a) that the licensing of Petroleum storage sheds which formerly vested in the Commissioner now vests in the Port Trust under Rule 24 of Chapter IV of the Petroleum Rules issued in May 1909, (b) the transfer of Poison licenses to the Police Commissioner and (c) to the closing of several Milch Cattle Stables. Even with this loss of revenue the work of supervision has been so very minute that we have been able to recoup the loss and to exceed our estimate.

4. In my last Annual Report I had mentioned that the question of Licensing Railway premises had not been settled, but since then as the G. I. P. Railway Company refused to pay the fees, recourse was had to Police Court proceedings and eventually the whole question was referred to the High Court. The Chief Justice decided the case in favour of the Railway Company. The following is the judgment :—

JUDGMENT RECORDED BY THE HIGH COURT IN CRIMINAL REFERENCE No. 67 OF 1909, (UNDER SECTION 432 CRIMINAL PROCEDURE CODE) IN THE CASE OF THE MUNICIPAL COMMISSIONER OF BOMBAY *VS.* THE AGENT G. I. P. RAILWAY COMPANY.

4th August, 1909.

(Coram—Scott C. J. and Batchelor J.)

Per-Curiam :—The Agent of the G. I. P. Railway Company was charged in the Presidency Magistrate's Court under Section 394 (1) (d) of the City of Bombay Municipal Act with having used certain premises for the purpose of storing timber without a license granted by the Municipal Commissioner.

The Chief Presidency Magistrate having taken evidence has referred for the opinion of this Court certain questions specified at the end of the case stated by him.

The first question is, in our opinion one of fact and not of law, and therefore cannot be stated under Section 432 of the Criminal Procedure Court under which this reference is made.

As regards the other questions, if the second question is answered in the affirmative no answer need be given to the remaining questions for the case will in that event have to be decided in favour of the Respondent.

The second question is in these terms :—

"Do the statutory powers given to the Railway Company (Section 7 of the Indian Railways Act IX of 1890) preclude the necessity of obtaining a license from the Municipal Commissioner to use premises in such a manner as is necessary for the convenient making, altering, repairing & using the Railway?".

Section 7 of the Indian Railways Act IX of 1890 to the provisions of which the G. I. P. Railway is subject, provides as follows :—

(1) "Subject to the provisions of this Act, and, in the case of immoveable property not belonging to the Railway administration to the provisions of any enactment for the time being in force for the acquisition of land for public purposes and for Companies, and, subject also, in the case of a Railway Company to the provisions of any contract between the Company and the Government, a Railway administration may, for the purpose of constructing a Railway or the accommodation or other works connected therewith and notwithstanding anything in any other enactment for the time being in force * * * * (f) do all other Acts, necessary for making, maintaining, altering or repairing and using the Railway".

(2) "The exercise of the powers conferred on a Railway administration by Sub-Section (1) shall be subject to the control of the Governor-General in Council".

In stating the case the Magistrate finds as a fact on the evidence that it is necessary for the convenient making, maintaining, altering or repairing the Railway that the Railway Company should be at liberty to store Railway sleepers on the premises in question from time to time and that as the sleepers are obtained by shiploads from Australia it inevitably follows that at certain periods there is a large accession to the stock. Upon this finding it would appear *prima facie* that the Railway administration is authorised to store Railway sleepers upon the premises in question notwithstanding anything in any other enactment for the time being in force.

It is, however, argued on behalf of the Municipal Commissioner that notwithstanding the statutory authority and notwithstanding the finding of the Magistrate it is still necessary for the Railway Company to obtain a license under Section 394 of the Bombay Act 3 of 1888 for storing sleepers upon the premises.

It will be convenient at this point to set out the portions of the Sections of the Municipal Act which have been referred to in argument.

Section 394 (1) (b) and (d) provides "No person shall use any premises for any of the purposes herein below mentioned, without or otherwise than in conformity with the terms of a license granted by the Commissioner in this behalf, namely any purpose which is, in the opinion of the Commissioner, dangerous to life, health and property or likely to create a nuisance and storing for other than domestic use or selling timber, firewood, charcoal, coal, coke, ashes, hay, grass, straw, or any other combustible thing." Section 479 (1)—provides "Whenever it is provided in this Act that a license or a written permission may be given for any purpose, such license, or written permission shall specify the period for which and the restriction and conditions subject to which the same is granted and shall be given under the signature of the Commissioner or of a Municipal Officer empowered under Section 68 to grant the same."

Section 479 (3) provides "Subject to the provisions of Clause (d) of Section 403, any license or written permission granted under this Act may at any time be suspended or revoked by the Commissioner if any of its restrictions or conditions is infringed or evaded by the person to whom the same has been granted or if the said person is convicted of an infringement of any of the provisions of this Act or of any Regulation or by-law made hereunder in any matter to which such license or permission relates."

It is not disputed that the unrestricted provisions of Section 394 would empower the Commissioner to refuse in his discretion to grant a license. This view has the authority of a ruling of this Court in its favour. See Haji Ismail *vs.* Municipal Commissioner, 5 Bom. L.R. 1001.

It was at first contended by Counsel for the Commissioner that the power of refusal extended to such a case as the present but being pressed by the words of Section 7 of the Railways Act "notwithstanding anything in any other enactment for the time being in force" and by the consideration that such a contention if upheld, would give to the Commissioner under Section 394 (b) the power, if he thought fit, to prohibit the working of the Railway in parts of the City, he modified and reduced the argument to this, that although by reason of the terms of Section 7 of the Railways Act the Commissioner could not prohibit the use of any premises, the use of which was authorised by the terms of Section 7, yet he still had reserved to him under Section 394 (d) a power of regulating the method in which the Railway Company should store timber upon its premises even though such storing was authorised by Section 7 (1) (f) and authorities were cited to the Court in support of the general proposition that an implied repeal of one Act by a latter Act will not be inferred if it is possible even partially to harmonise the provisions of the two Acts. While we recognise this as a general rule of construction, we do not think that there is any scope for its application in the present case; in the first place it would involve an almost complete re-writing of Section 394, part of it being left to stand, another part being restricted without any precise guidance as to the limits of the restriction and yet another part being altogether deleted. It seems to us very doubtful whether such a re-casting of the Section would be warranted by any recognised principles of construction. In the second place we have not only the provision that the words of Section 7 shall be read notwithstanding anything in any other enactment for the time being in force, but we have an express declaration in Sub-Section (2) of the authority which shall have control of the Railway administration in the exercise of its powers under Sub-Section (1). That authority is the Governor-General in Council and not the Municipal Commissioner.

The Provisions of the Railway Act to which we have referred provide, we think, for an undivided and exclusive control of Railway administrations by the Supreme Government.

Considerations of convenience and the safety of the public and security of property have been pressed upon us in argument. But we do not think there is any practical force in any of these suggestions for, if the Municipal Commissioner is really of opinion that the Railway Company is exercising its statutory powers in a manner inconsistent with the health of the inhabitants of Bombay or the safety of property therein it is always open to him to make a representation to that effect to the Governor-General in Council in order that the state of affairs complained of may be inquired into and if necessary remedied by the proper authority.

For these reasons we answer the second question in the affiirmative and we return the case to the Presidency Magistrate to be disposed of in accordance with this finding".

5. In the Annual Report for 1908-09 I had given a list of 37 Milch Cattle Stables which had been closed and to that list must now be added the following stables, the licenses of which were not renewed, and which do not exist at present.

1 Buffalo Stable at Upper Colaba.

1 Buffalo Stable at Haines Road.

6. The Milch Cattle Stable at Gamdevi was entirely demolished and an improved stable re-erected in its stead. In the same way two old stables at Chandanwadi and one at No. 342, Falkland Road, were demolished and new stables erected in their stead fully complying with the Bye-laws relating to Milch Cattle Stables. The Milch Cattle Stables at Khetwadi Back Road, Falkland Road and Clarke Road have been improved.

7. The number of prosecutions conducted during the year against persons carrying on trades subject to licenses, without licenses, and for infringing the conditions of licenses, amounted to 3,012. The total fines amounted to Rs. 2,200-4-0.

8. The following table shows the revenue collected during a series of years:—

Official Year.	Number of Licenses issued.	Revenue from License Fees.	Remarks.
		Rs. a. p.	
1890-91	3,235	36,417 8 0	
1891-92	4,110	46,383 0 0	
1892-93	4,833	54,996 8 0	
1893-94	5,407	60,507 8 0	
1894-95	5,701	63,914 8 0	
1895-96	5,880	65,048 8 0	
1896-97	5,130	56,462 8 0	
1897-98	5,750	63,741 8 0	
1898-99	5,588	60,646 8 0	
1899-1900	5,831	63,732 8 0	
1900-01	5,912	63,689 0 0	
1901-02	6,154	67,516 0 0	
1902-03	6,538	72,028 0 0	
1903-04	6,474	73,830 0 0	
1904-05	6,576	75,149 8 0	
1905-06	6,545	76,370 8 0	
1906-07	6,639	81,672 0 0	
1907-08	6,991	83,347 8 0	
1908-09	7,163	84,646 8 0	
1909-10	7,204	85,371 0 0	

My staff both in-door and out-door worked satisfactorily.

A.

Yearly total of License Fees recovered during 1909-1910.

No. of Licenses issued.	Nature of Trade.	License Fees.
		Rs.
2	Bones	40
9	Bricks Manufacturing (Hand-made)	90
4	Candles (Manufacturing)	100
2	Catgut	30
356	Charcoal	2,939
253	Chemical Preparations	3,495
55	China Grass...	85
134	Coal and Coke	2,415
38	Cocoanut-Fibre, Flax, Hemp, Jute and Tow	725
66	Cotton (Storing, Pressing &c.)	1,915
160	Cotton Refuse, Seed or Waste	3,380
168	Cloths in Indigo and other Colours, Dyeing (Hand-power)...	1,695
11	Do. do. do. (Mechanical-power).....	440
37	Dammer, Tar or Pitch	710
2	Dynamite	100
38	Fat and Tallow	570
15	Fins (Dried)...	225
22	Fish („)	530
130	Fireworks (Retail)	650
17	Do. (Wholesale)	625
213	Firewood (Retail)	426
875	Do. (Wholesale)	9,625
2	Gas (Manufacturing)	100
21	Gunpowder (Retail)	105
1	Do. (Wholesale)	50
1	Hair	15
160	Hay, Straw and Grass	3,375
8	Hides and Skins (Dried)	120
33	Do. (Raw) (Tannery)	3,900
25	Horns and Hoofs	590
1,326	Kerosine Oil (Retail)	6,630
4,184	Carried over ...	45,695

Yearly total of License Fees recovered during 1909-1910.—*concld.*

No. of Licenses issued.	Nature of Trade.	License Fees.
		Rs.
4,184	Brought forward ...	45,695
42	Kerosine Oil (Wholesale)	1,830
23	Lime for Burning (Lime-Kiln)	1,150
578	Matches (Retail)	784
31	Do. (Wholesale)	1,510
1	Do. (Bengal Lights)	50
156	Metals (Casting)	2,155
105	Oil (ghanies) Mills	830
8	Oils (Mills) prepared by Mechanical Power	270
308	Do. (Storing)	5,406
1	Paper (Manufacturing)	15
1	Petroleum (Non-dangerous) (Retail) (under Municipal Act)	5
42	Do. (under Petroleum Act)	126
1	Do. (Dangerous) (under Petroleum Act)...	160
20	Pottery (Manufacturing)	100
3	Rags	45
5	Rangoon or Burmah Oil	40
7	Rosin	35
24	Salt-petre	120
18	Silk (Dyeing)	90
17	Soap (Manufacturing)	255
33	Sugar Refineries	810
56	Sulphur (Retail)	280
12	Do. (Wholesale)	180
67	Stables for Horses	3,090
76	Do. Milch Cattle	6,170
52	Do. Bullocks	870
1,051	Timber	10,314
115	Turpentine (Retail)	575
18	Do. (Wholesale)	270
36	Waste-paper...	36
28	Whistles (Steam)	280
63	Wool	1,695
7,182	TOTAL Rs....	85,241

B.

Statement showing the amount of License Fees for 1908-1909 recovered in 1909-1910.

No. of Licenses issued.	Nature of Trade.	License Fees.
		Rs.
1	Chemical Preparations	10
2	Coal	85
1	Cotton-waste	30
1	Dammer, Tar, etc...	30
1	Fat and Tallow	15
1	Fireworks (Wholesale)	25
3	Firewood (Wholesale)	35
1	Gas (Manufacturing)	50
2	Hay	10
1	Hides and Skins (Raw)	50
1	Kerosine-oil (under Petroleum Act)	18
1	Metals (Casting)	50
2	Oils (Storing)	60
3	Timber	231
1	Turpentine (Wholesale)	15
22	Total Rs. ...	714
	Less Refund to Railway Coy. ...	584
	Total ...	130

Summary of Income for 1909-1910.

No. of Licenses issued.	Official year during which collection was made.	License Fees.	Remarks.
		Rs.	
22	Income for 1908-1909 collected during the Official year 1909-1910	130	*Vide* Statement **B.**
7,182	Income for 1909-1910 collected from 1st April 1909 to 31st March 1910	85,241	*Vide* Statement **A.**
7,204	Total Rs. ...	85,371	

MARKETS.

REPORT OF THE SUPERINTENDENT OF MARKETS AND SLAUGHTER HOUSES RECEIVED UNDER HIS No. 671, DATED 31ST MAY 1910.

SIR,

As directed in your Circular No. 265 of 4th April, 1910, I have the honour to submit the Administration Report of the Markets and Slaughter Houses Establishment for the year 1909-10 as under :—

2. The total amount of stallages from the different Municipal Markets recoverable every quarter or half-year, under the terms of Section 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 50,798, against Rs. 50,419 at the close of the year, showing a decrease of Rs. 379. The following detailed Statement will show how the decrease of Rs. 379 is distributed and which Markets are responsible for it :—

Name of the Market.	Rent per quarter appearing at the opening of the year.	Rent per quarter appearing at the close of the year.	Increase.	Decrease.	Net Decrease.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Colaba Market	389	371	...	18		
Fort Market	4,887	4,873	...	14		Half-yearly.
A. C. Fruit and Vegetable Market	15,779	15,821	42	...		
Do. Fish and Mutton Market	2,771	2,794	23	...		
Do. Mutton (new) Market	953	951	...	2		
Do. Beef Market	2,767	2,704	...	63		
Godowns	1,608	1,344	...	264		
Fowl Rooms	915	915	...	...		
Erskine Road Fruit & Vegetable (old) Market.	6,890	6,739	...	151		
Do. do. do. (new) do.	2,519	2,553	34	...		
Do. do. Mutton Market ...	2,502	2,504	2	...		
Bhuleshwar Market	3,326	3,378	52	...		
Pedder do.	492	488	...	4		
Foras Road do.	265	275	10	...		
Pork do.	100	100	...	...		Yearly.
DeLisle Road Sheep Market	3,673	3,673	...	...		Half-yearly.
Fergusson Road Market	319	324	5	...		
Parbhadevi Road Market	196	157	...	39		
Elphinstone Road Market	447	455	8	...		
Total ...	50,798	50,419	176	555	379	

3. The total amount of stall rents (exclusive of departmental Squatters' Fees and the Squatters' Fees recovered from the Contractors) collected during the year under report on the basis of the scale shown above, amounted to Rs. 1,57,054-8-0, against Rs. 1,59,623-0-6, in the previous year, showing a decrease of Rs. 2,568-8-6. This is partly due to fall in rents at the auction sale of some of the stalls which were thrown up on account of their rents being high and partly to vacancy of stalls that were occupied in the previous years. The following is the Comparative Statement showing the average number of stalls vacant in each Market :—

Name of the Market.	Total number of stalls.	Average number of stalls vacant in each quarter during 1909-1910.	Average number of stalls vacant in each quarter during 1908-1909.	Remarks.
	Rs.	Rs.	Rs.	
Colaba Market	70	48	38	
Fort Market	266	94	81	Half-yearly.
A. C. Fruit and Vegetable Market...	568	51	49	
Do. Fish and Mutton Market	119	47	48	
Do. Mutton Market (new)...	68	23	25	
Do. Beef Market	78	.....	1	
Do. Godowns	25	1	.....	
Do. Fowl Rooms	29	.....	.....	
Erskine Road Fruit and Vegetable Market (old)...	427	52	50	
Do. do. do. (new)..	128	69	66	
Do. do. Mutton Market	114	38	37	
Bhuleshwar Market	163	10	9	
Pedder Market	40	8	8	
Foras Road Market	80	2	.....	
Pork Market	2	.....	.....	Yearly.
DeLisle Road (Sheep) Market	50	.....	.....	Half-yearly.
Fergusson Road Market	28	.....	.....	
Purbhadevi Road Market	26	3	7	
Elphinstone Road Market	45	5	6	
Total ...	2,326	451	425	

4. The following is an explanatory Statement which will show in detail the difference in stall rents on account of the total or partial vacancy of stalls as also the subsequent alterations in stall rents owing to either rise or fall in the amounts of rents at the auction sale during the year under report contrasted with those in previous years :—

Names of Markets.	Annual rent recoverable as based on the quarterly rents or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls.	Net Increase.	Net Decrease.	Actual amount recovered during the year (Total of columns 2, 6, and 7.)	Remarks.
		Increase.	Decrease.					
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,556 0 0	.....	38 6 8	1,028 11 4	.....	1,067 2 0	488 14 0	
Fort do.	9,617 0 0	.....	9 2 6	3,518 15 6	.....	3,528 2 0	6,088 14 0	
A. C. Fruit and Vegetable Market	63,116 0 0	552 8 11	433 6 4	5,248 9 10	.....	5,129 7 3	57,986 8 9	
A. C. Fish and Mutton Market	11,084 0 0	89 6 3	4 15 0	3,541 6 3	.....	3,456 15 0	7,627 1 0	
A. C. Mutton Market (new)	3,812 0 0	.....	4 0 0	1,264 7 0	.....	1,268 7 0	2,543 9 0	
A. C. Beef Market	11,068 0 0	.....	172 12 6	19 13 6	.....	192 10 0	10,875 6 0	
Godowns	6,432 0 0	.....	106 9 0	891 5 0	.....	997 14 0	5,434 2 0	
Fowl Rooms	3,660 0 0	.....	.....	.....	.....	.....	3,660 0 0	
Erskine Road Fruit and Vegetable Market (old)	27,560 0 0	158 8 4	299 3 4	3,090 11 6	.....	3,231 6 6	24,328 9 6	
Do. do. (new)	10,076 0 0	105 4 10	218 12 8	5,286 6 2	.....	5,399 14 0	4,676 2 0	
Do. Mutton Market	10,008 0 0	5 13 0	8 4 9	2,563 3 3	.....	2,565 11 0	7,442 5 0	
Bhuleshwar Market	13,304 0 0	263 12 11	59 12 1	792 13 7	.....	588 12 9	12,715 3 3	
Pedder do.	1,758 0 0	.....	1 11 3	304 2 9	.....	305 14 0	1,452 2 0	
Foras Road do.	1,060 0 0	8 11 5	.....	42 7 8	.....	33 12 3	1,026 3 9	
Pork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,346 0 0	.....	.....	.....	.....	.....	7,346 0 0	
Fergusson Road Market	1,276 0 0	3 3 0	.....	.....	3 3 0	.....	1,279 3 0	
Parbhadevi Market	784 0 0	4 8 0	77 5 4	212 2 8	.....	285 0 0	499 0 0	
Elphinstone Road Market	1,788 0 0	25 14 7	23 12 8	304 13 2	.....	302 11 3	1,485 4 9	
Total for 1909-1910 ...	1,85,405 0 0	1,217 11 3	1,458 2 1	28,110 1 2	3 3 0	28,353 11 0	1,57,054 8 0	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,924 0 0	267 8 7	147 4 8	734 2 11	.....	613 15 0	810 1 0	
Fort do.	9,551 0 0	14 5 0	.....	3,093 11 0	.....	3,079 6 0	6,471 10 0	
A. C. Fruit and Vegetable Market	62,376 0 0	730 4 10	14 5 1	4,956 0 3	.....	4,240 0 6	58,135 15 6	
A. C. Fish and Mutton Market	10,868 0 0	85 11 2	11 5 0	3,500 4 2	.....	3,425 14 0	7,442 2 0	
A. C. Mutton Market (new)	3,824 0 0	.....	4 9 8	1,385 3 4	.....	1,389 13 0	2,434 3 0	
A. C. Beef Market	10,768 0 0	31 4 0	.....	71 8 0	.....	40 4 0	10,727 12 0	
Godowns...	6,432 0 0	.....	.....	.....	.....	.....	6,432 0 0	
Fowl Rooms	3,444 0 0	120 10 6	.....	4 1 6	116 9 0	.....	3,560 9 0	
Erskine Road Fruit and Vegetable Market (old)	27,600 0 0	65 14 0	17 13 8	2,729 0 4	.....	2,681 0 0	24,919 0 0	
Do. do. (new)	10,056 0 0	10 0 0	.....	4,871 8 0	.....	4,861 8 0	5,194 8 0	
Do. Mutton Market	10,056 0 0	.....	14 2 0	2,446 14 0	.....	2,461 0 0	7,595 0 0	
Bhuleshwar Market	13,040 0 0	200 15 6	60 1 9	810 5 9	.....	669 8 0	12,370 8 0	
Pedder do.	1,758 0 0	.....	.....	362 3 0	.....	362 3 0	1,395 13 0	
Foras Road do.	1,540 0 0	.....	399 9 4	141 6 8	.....	541 0 0	999 0 0	
Pork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,186 0 0	91 9 4	.....	29 15 4	61 10 0	.....	7,247 10 0	
Fergusson Road Market	1,276 0 0	.....	.....	.....	.....	.....	1,276 0 0	
Parbhadevi Market	2,788 0 0	2,091 0 0	749 10 2	3,171 0 10	.....	1,829 11 0	958 5 0	
Elphinstone Road Market	3,460 0 0	2,624 0 8	615 10 10	3,915 5 10	.....	1,907 0 0	1,553 0 0	
Total for 1909-1910 ...	1,87,547 0 0	6,333 3 7	2,034 8 2	32,222 10 11	178 3 0	28,102 2 6	1,59,623 0 6	

5. The amount of stall rents in detail, during the year under report, contrasted with those in the previous four years is as under :—

Name of the Market.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	Difference as compared with 1908-09.		Remarks.
						Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	716 10 2	586 0 0	577 4 0	810 1 0	489 14 0	.....	321 3 0	
Fort Market	7,220 6 0	7,170 5 5	7,003 2 0	6,471 10 0	6,088 14 0	.....	382 12 0	
A. C. Fruit and Vegetable Market	58,403 9 4	57,986 15 10	57,590 7 8	58,135 15 6	57,986 8 9	.....	149 6 9	
A. C. Fish and Mutton Market	7,451 2 9	7,607 1 9	7,683 11 8	7,442 2 0	7,627 1 0	184 15 0	.....	
A. C. Mutton Market (new)	2,644 0 0	2,535 9 0	2,397 15 0	2,434 3 0	2,543 9 0	109 6 0	.....	
A. C. Beef Market	10,632 14 8	10,725 0 0	10,768 0 0	10,727 12 0	10,875 6 0	147 10 0	.....	
Godowns...	6,321 9 1	6,432 0 0	6,432 0 0	6,432 0 0	5,434 2 0	.....	997 14 0	
Fowl Rooms	3,384 0 0	3,420 0 7	3,444 0 0	3,560 9 0	3,660 0 0	97 7 0	.....	
Erskine Road Fruit and Vegetable Market (old)	24,691 4 5	24,727 2 2	24,803 8 5	24,919 0 0	24,328 9 6	.....	590 6 6	
Do. do. (new)	5,399 14 3	5,432 8 0	5,589 8 0	5,194 8 0	4,676 2 0	.....	518 6 0	
Do. Mutton Market...	7,913 8 0	7,672 2 0	7,777 13 0	7,595 0 0	7,442 5 0	.....	152 11 0	
Bhuleshwar Market	11,968 12 10	12,451 4 10	12,504 15 5	12,370 8 0	12,715 3 3	344 11 3	.....	
Pedder Market	1,313 10 8	1,283 0 0	1,335 8 8	1,395 13 0	1,452 2 0	56 5 0	.....	
Foras Road Market	368 4 0	428 8 0	534 8 0	999 0 0	1,026 3 9	27 3 9	.....	
Pork Market	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....	
DeLisle Road Sheep Market	7,186 0 0	7,186 0 0	7,186 0 0	7,247 10 0	7,346 0 0	98 6 0	.....	
Fergusson Road Market	1,121 1 6	1,186 0 0	1,267 12 0	1,276 0 0	1,279 3 0	3 3 0	.....	
Parbhadevi Market	.....	.....	.....	958 5 0	499 0 0	.....	459 5 0	
Elphinstone Road Market	.....	.....	.....	1,553 0 0	1,485 4 9	.....	67 11 3	
Total ...	1,56,836 11 8	1,56,929 9 7	1,56,995 12 10	1,59,623 0 6	1,57,054 8 0	1,071 3 0	3,639 11 6	
Increase over preceding year's rent	.....	92 13 11	66 3 3	2,627 3 8	.....	.....	.....	
Decrease below do. do.	479 6 0	.....	.....	.....	2,568 8 6	.....	.....	

6. The Squatters' Fees from Municipal Fish Markets, Scale Fees in the Crawford Markets compound, and the Fair Ground Rent and the Feeding fees at the Bandora Slaughter Houses, recovered from the Contractors during the year under report, amounted to Rs. 1,10,895 against Rs. 1,17,675 in the previous year, showing a decrease of Rs. 6,780. These rights, as is annually done, were put up to auction except in the case of the Foras Road Market, the fees of which were collected departmentally as the same is to be closed, and the sale was approved of by the Standing Committee. The chief item of decrease is under the heads "Scale Fees" and "The Fair Ground Rent and the Feeding Fees at Bandora." The former is due to the fact that a greater portion of the Scale Shed was then taken up for the construction of shops near it leaving scarcely enough room for the dealers to store their packages. The decrease in the latter head is due to the fact that no bidders came forward at the time of the sale to bid against the last bidder, when the bid reached the sum realized during the year under report. In the following Statement are contrasted in detail the fees recovered from the different Contractors during the year under report with those in the previous four years :—

Particulars.	1905-1906.	1906-1907.	1907-1908.	1908-1909.	1909-1910.	Difference as compared with 1908-1909.		Remarks.
						Increase.	Decrease.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Fort Market	1,900	1,925	1,950	1,950	1,925	.....	25	
A. C. Beef and Fish Markets. ...	8,200	8,875	9,500	9,000	9,000	.....	.....	
Erskine Road Fish Market ...	17,000	18,525	18,700	19,100	20,500	1,400	.....	
Pedder Market	1,720	1,750	1,675	1,600	1,500	.....	100	
Foras Road Market	Fees collected departmentally							
Colaba Market	1,060	900	1,175	1,000	1,100	100	.....	
Fergusson Road Market	1,505	1,900	1,650	1,550	1,200	.....	350	
Parbhadevi Road Market... ...	.....	.....	.....	* 750	750	.....	.....	*Opened from 1-7-1908.
Elphinstone Road Market... ...	.....	.....	.....	† 625	720	95	.....	†Opened from 16-7-1908.
Total Squatters' Fees ...	31,985	33,875	34,650	35,575	36,695	1,595	475	
Scale Fees at the A. C. Market Compound	4,500	5,125	6,400	6,100	3,200	.....	2,900	
Fair Ground Rent and Feeding Fees at Bandora	80,000	78,300	88,000	76,000	71,000	.....	5,000	
Grand Total... ...	1,16,485	1,17,300	1,29,050	1,17,675	1,10,895	1,595	8,375	
Increase over preceding year's amount	3,045	815	11,750	.....	.....	.....	.....	
Decrease below preceding year's amount	.....	.....	.....	11,375	6,780	.....	.....	

7. The Squatters' Fees collected departmentally in the several Municipal Markets during the year under report, amounted to Rs. 8,210-5-0 against Rs. 6,693-12-9 in the previous year, showing an increase of Rs. 1,516-8-3. This is due to greater number of Squatters having been allowed to occupy places under the eaves of the Markets during the year under report. In the following statement are contrasted the fees recovered during the year under report with those in the previous year :—

Name of Market.	1909-1910.	1908-1909.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	50 0 0	48 3 0	1 13 0	.....	
Fort Market	1,127 13 0	1,124 15 6	2 13 6	.....	
A. C. Fruit and Vegetable Market ...	170 8 0	119 15 0	50 9 0	.....	
Erskine Road Old Fruit and Vegetable Market	2,352 2 6	2,384 5 0	.....	32 2 6	
Bhuleshwar Market	1,856 2 9	1,280 15 3	575 3 6	.....	
Pedder Market...	0 9 0	.....	0 9 0	.....	
Foras Road Market	836 2 3	412 13 0	423 5 3	.....	
Fergusson Road Market	1,100 12 0	842 11 9	258 0 3	.....	
Parbhadevi Road Market	515 0 0	347 8 0	*167 8 0	.....	*Opened from 1-7-1908.
Elphinstone Road Market	201 5 6	132 6 3	†68 13 3	.....	†Opened from 16-7-1908.
Total ...	8,210 5 0	6,693 12 9	1,548 10 9	32 2 6	

8. For ready reference, the total receipts from each Market (that is stall rents, Squatters' Fees collected departmentally and Squatters' Fees from the Contractors and Scale Fees added together) during the year under report, have been shown in the following statement:—

Name of the Market.	Stall Rents.	Squatters' Fees collected departmentally.	Squatters' Fees collected from the Contractors.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba Market	488 14 0	50 0 0	1,100 0 0	1,638 14 0
Fort Market	6,088 14 0	1,127 13 0	1,925 0 0	9,141 11 0
A. C. Fruit and Vegetable Market... ...	57,986 8 9	170 8 0	.....	58,157 0 9
Do. Fish and Mutton Market	7,627 1 0	.....	9,000 0 0	16,627 1 0
Do. Mutton Market (new)	2,543 9 0	.....	.....	2,543 9 0
Do. Beef Market	10,875 6 0	.....	.....	10,875 6 0
Do. Market Scale Fees	.....	.....	3,200 0 0	3,200 0 0
Godowns	5,434 2 0	.....	.....	5,434 2 0
Fowl Rooms	3,660 0 0	.....	.....	3,660 0 0
A. C. Markets Total	88,126 10 9	170 8 0	12,200 0 0	1,00,497 2 9
Erskine Road Fruit & Vegetable Market (old.)	24,328 9 6	2,352 2 6	.....	26,680 12 0
Do. do. do. (new)	4,676 2 0	.....	.....	4,676 2 0
Do. Mutton Market	7,442 5 0	.....	.....	7,442 5 0
Do. Fish Market...	.....	.....	20,500 0 0	20,500 0 0
Erskine Road Markets Total.	36,447 0 6	2,352 2 6	20,500 0 0	59,299 3 0
Bhuleshwar Market	12,715 3 3	1,856 2 9	.....	14,571 6 0
Pedder Market	1,452 2 0	0 9 0	1,500 0 0	2,952 11 0
Foras Road Market	1,026 3 9	836 2 3	.....	1,862 6 0
Pork Market	100 0 0	.....	.....	100 0 0
DeLisle Road Sheep Market	7,346 0 0	.....	.....	7,346 0 0
Fergusson Road Market	1,279 3 0	1,100 12 0	1,200 0 0	3,579 15 0
Parbhadevi Road Market	499 0 0	515 0 0	750 0 0	1,764 0 0
Elphinstone Road Market	1,485 4 9	201 3 6	720 0 0	2,406 8 3
Grand Total ...	1,57,054 8 0	8,210 5 0	39,895 0 0	2,05,159 15 0
Grand Total for 1908-09 ...	1,59,623 0 6	6,693 12 9	41,675 0 0	2,07,991 12 3

9. The revenue from other sources, comprising the following heads was Rs. 2,345-10-0 during the year under report against Rs. 4,521-8-0 in the previous year, showing a decrease of Rs. 2,175-14-0, as detailed against each head in the following statement :—

Particulars.	1909-10.	1908-09.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Verifying weights and measures	1,509 3 6	1,511 1 6	.....	1 14 0	
Garden produce	0 9 0	5 0 0	.....	4 7 0	
Prices current	94 3 6	90 13 6	3 6 0	.....	
Sale proceeds of meat or animals seized under Section 412	29 8 0	59 8 0	.....	30 0 0	Net Decrease Rs. 2,175-14-0.
Sale proceeds of manure	49 8 0	31 8 0	18 0 0	.....	
For tapping date trees at B. S. Houses	9 0 0	.....	9 0 0	.....	
Fees for producing office records	5 0 0	5 0 0	.....	.....	
Ground Rent in the Fort Market Compound, recovered from Mr. Framji S. Shroff	.....	0 1 0	.....	0 1 0	
Fees for issuing duplicate copy of S. Houses permit ...	5 12 0	1 4 0	4 8 0	.....	
Sale of copies of Market Bye-laws	1 0 0	0 6 0	0 10 0	.....	
Recovery for use of Gas light	30 0 0	.....	30 0 0	.....	
Sale of wood of trees in the A. C. Market Compound...	.....	8 0 0	.....	8 0 0	
Sale of a Sheep skin seized	.....	1 0 0	.....	1 0 0	
Fine from stall holders for not paying rent by due date	607 14 0	2,807 14 0	.....	2,200 0 0	
Inspection fee	4 0 0	.....	4 0 0	.....	
Total ...	2,345 10 0	4,521 8 0	69 8 0	2,245 6 0	

Slaughter Fees, Butchers' License Fees, etc.

10. The total collections under these heads amounted to Rs. 1,89,467-7-0 during the year under report against Rs. 1,87,942-3-0 in the previous year, showing an increase of Rs. 1,525-4-0 as contrasted in the following statement :—

Particulars.	1909-10.	1908-09.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Slaughter Fees	1,72,548 15 0	1,70,944 11 0	1,604 4 0	.....	
License Fees	14,686 8 0	14,296 0 0	390 8 0	.....	
Ground Rent	132 0 0	132 0 0	.....	.....	
Chawl Rent	1,320 0 0	1,324 8 0	.....	4 8 0	Net Increase Rs. 1,525-4-0.
Total ...	1,88,687 7 0	1,86,697 3 0	1,994 12 0	4 8 0	
Rent for a portion of Commissariat building	.....	465 0 0	.....	465 0 0	
Proceeds of blood from the Contractor	780 0 0	780 0 0	.....	.....	
Total ...	780 0 0	1,245 0 0	.....	465 0 0	
Grand Total ...	1,89,467 7 0	1,87,942 3 0	1,994 12 0	469 8 0	

11. It will be observed from the above that the chief item of increase is under the head of Slaughter Fees. It amounts to Rs. 1,604-4-0. This is due to heavy increase in the number of Buffaloes Slaughtered. Had there been no such increase, there would have been a large falling off in the yield from the Slaughter Fees owing to a considerable decrease in the number of other animals slaughtered *for* disposal in the Markets during the year under report as will be seen from the comparative statement given below. Out of the number of Cows, Bullocks and Calves Slaughtered, 23 carcasses were found cystic and diseased against 21 carcasses in the previous year, and had to be condemned :—

Description of animals.	Number slaughtered in 1909-10.	Number slaughtered in 1908-09.	Increase.	Decrease.
Buffaloes	4,341	3,842	499	.....
Cows, Bullocks and Calves	44,322	45,411	.....	1,089
Sheep and Goats	655,003	674,020	.....	19,017
Pigs Slaughtered at Sonapoor Pork Slaughter House ...	440	568	.....	128

12. The several foregoing statements will show that the total receipts under all the heads mentioned therein amounted to Rs. 4,67,972-14-0 during the year under report against Rs. 4,76,558-8-3 during the previous year, showing a decrease of Rs. 8,585-10-3. The reasons for increases and decreases have been shown in the foregoing paras.

13. During the year under report 4,362 Buffaloes, 46,516 Horned Cattle and 725,562 Sheep and Goats, were brought to the Bandora Fair Ground for examination and disposal, out of which number, 5 Buffaloes, 1,945 Horned Cattle, and 29,708 Sheep and Goats were found unfit for slaughter on inspection and were consequently rejected; *vide* the following comparative statement. The remainder were either slaughtered for the Markets, or were otherwise disposed of, the details of which are shown in Appendix A :—

Year.	Animals presented for examination.			Animals rejected.		
	Buffaloes.	Horned cattle.	Sheepand Goats.	Buffaloes.	Horned cattle.	Sheepand Goats.
1909-10 ...	4,362	46,516	725,562	5	1,945	29,708
1908-09 ...	3,855	48,174	750,531	10	2,380	34,204

14. The fines inflicted by the Presidency Magistrates for the infringement of the provisions of the Municipal Act and the Bye-laws pertaining to the Markets and Slaughter Houses amounted to Rs. 665 during the year under report, against Rs. 1,017 in the previous year, as detailed below :—

Year.	Section 403 (*1*).	Section 411 (*a*).	Section 411 (*b*).	Section 412 (*1*).	By-laws Chapter II, Clause 3.	Total.
1909-1910	...	...	...	665	...	665
1908-1909	...	25	...	962	30	1,017

15. The quantity of unwholesome food, particularly Meat and Fish, destroyed during the year under report, as unfit for human consumption, under the provisions of Sections 415 and 416 of the Act, was 241,774½ lbs. against 213,240 lbs. in the previous year. Out of the above quantity, 70,796½ lbs. of Meat were seized and destroyed by the Assistant to the Superintendent and his staff against 110,997 lbs. in the previous year. It may be stated here that the Coorla Butchers had stopped slaughtering Buffaloes at Coorla for about 2 months, since the enhancement of the Slaughter fee from Annas 6 to Rs. 5 per head by the Coorla Municipality from January 1910. These butchers subsequently found out a place beyond the limits of the Coorla Municipality, where about fifteen animals are slaughtered daily, and on enquiries made it appears that 85 per cent. of the whole quantity of beef is spiced, salted and dried up for exportation, the remaining being sold there for local consumption. A part of this quantity very often finds its way into Bombay, but the staff employed for the suppression of the Coorla beef trade is always on the alert to detect the meat so imported, and to seize the same under Section 412 (1).

16. The Beef and Mutton supply during the year under report was fairly good; and the Fruit and Vegetable supply was as usual up to mark.

I have the honour to be,

Sir,

Your most obedient servant,

DOUGLAS BENNETT

Superintendent of Markets

APPENDIX A.

STATEMENT showing the number of animals slaughtered and removed for private slaughter, &c., during the year 1909-1910.

Description of animals.	Months.												Total number of animals slaughtered.	Total amount of slaughter fees.	Remarks.
	April 1909.	May 1909.	June 1909.	July 1909.	August 1909.	Sept. 1909.	Oct. 1909.	Nov. 1909.	Dec. 1909.	Jan. 1910.	Feb. 1910.	Mar. 1910.			
														Rs. a. p.	
Buffaloes	263	292	344	424	406	436	344	323	301	420	403	395	4,341	43,410 0 0	
											2		2	20 0 0	
Cows	3,542	3,848	3,213	3,095	3,153	2,587	2,673	2,833	3,319	3,391	2,963	3,236	37,863	28,397 4 0	
Bullocks	314	29	436	456	381	396	635	583	576	796	695	720	6,017	4,512 12 0	
Calves	9	5	31	73	43	43	45	60	40	38	13	42	442	331 8 0	
Sheep, Goats, &c., for Bombay	49,727	56,085	50,795	51,793	51,152	50,119	50,926	46,669	48,980	53,143	46,170	51,957	607,516	75,939 8 0	
Do. Mahim	1,975	2,253	2,108	2,242	1,928	2,118	2,033	2,020	2,301	2,333	1,943	2,277	25,541	1,596 5 0	
Do. Bandora	1,846	2,183	1,936	1,917	1,828	1,953	1,839	1,550	1,700	1,906	1,538	1,750	21,946	1,371 10 0	
Horned Cattle slaughtered by Commissariat	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	
Sheep, Goats, &c., slaughtered by Commissariat	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....	
Pigs slaughtered at Sonapore	41	35	34	34	35	34	36	33	43	39	37	39	440	440 0 0	
	18	3	11	12	4	4	11	4	28	11	7	10	123	246 0 0	
Lived Horned Cattle brought to Bombay.	4	4	2	14	9	70	3	42	...	...	8	7	163	815 0 0	
Live Sheep, Goats, &c., brought to Bombay	170	367	451	527	190	244	442	385	1,368	331	311	236	5,032	2,516 0 0	
	12	18	30	25	28	29	20	27	15	14	44	13	275	137 8 0	
Live Sheep, Goats, &c., removed by DeLisle Road Market Fadkaries ...	1,862	2,066	2,281	1,957	863	1,869	1,716	1,849	4,108	1,960	1,967	3,403	25,631	12,815 8 0	
												Total Slaughter Fees Rs. ...		1,72,548 15 0	

The figures in block type show the number of animals slaughtered in Bombay by private individuals within the meaning of Section 403 (2) (c) of the Act.

EDUCATIONAL.

REPORT OF THE SCHOOLS COMMITTEE, FORWARDED BY THE COMMITTEE'S SECRETARY UNDER HIS No. 628, DATED 5TH MAY 1910.

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, *10th May* 1910.

REPORT ON THE ADMINISTRATION OF THE SCHOOLS COMMITTEE FOR THE YEAR 1909-1910.

Constitution of the Committee.

AT the commencement of the year the Schools Committee consisted of the following members appointed by the Corporation :—

Names.

THE HON. MR. C. H. SETALVAD, B.A., LL.B.	JAMES MACDONALD, ESQ.
THE HON. MR. IBRAHIM RAHIMTOOLA, C.I.E.	RAO BAHADUR DHÁKJI CASSINATHJI.
KHAN BAHADUR D. R. CHICHGUR.	KAZI KABIRUDDIN, ESQ. BAR-AT-LAW.
D. E. WACHA, ESQ.	N. V. MANDLIK, ESQ. B.A., LL.B.

The two senior members, of the Committee, the Hon. Mr. C. H. Setalvad and the Hon. Mr Ibrahim Rahimtoola, retired under Section 8 (2) of the Bombay Police Charges Act, of 1907, and were reappointed by the Corporation.

The Hon. Mr. Setalvad was elected Chairman for the year, on the motion of Mr. James MacDonald, who observed that Mr. Setalvad had done excellent work on the Committee, and they could do nothing better than reappoint him.

Finance.

The year opened with a balance of Rs. 66,482. The total receipts from all sources amounted to Rs. 2,37,630, including a grant of Rs. 17,472 made by the Corporation for the payment of local allowance to teachers, with effect from 1st June 1908. The total receipts for the previous year were Rs. 2,19,686. The actual expenditure during the year under report was Rs. 2,88,202 against Rs. 2,54,888 for the previous year. The excess of Rs. 33,314 was mainly on account of the payment of local allowance, the opening of new schools, addition to the teaching staff to meet the growing requirements of schools, and increase in the grant paid to Aided schools. The Committee have for some time past been drawing upon the surplus, which had accumulated in past years, in order to meet the excess of expenditure over income. The surplus has now been exhausted, the actual balance at the end of the year under report being Rs. 3,734.

The total cost per pupil came to Rs. 21·9 as against Rs. 21·5 for the previous year, and it was distributed as under :—

	Rs.
Teaching	14·2
Rent	5·2
Miscellaneous...	3·5
Total Rs. ...	21·9

Municipal Schools.

The subjoined table gives a summary of the total number of Municipal Schools of all description, with the aggregate attendance thereat, for the past two years :—

Class of Schools.	Municipal.			
	1908-1909.		1909-1910.	
	Schools.	Pupils.	Schools.	Pupils.
MARATHI.				
Day Schools—				
Middle Schools	3	194	3	192
Primary for boys	35	4,204	39	4,460
Do. for girls	12	834	13	990
Total of Marathi Schools ...	50	5,232	55	5,642
GUJERATI.				
Day Schools—				
Middle Schools	1	56	1	77
Primary for boys	15	1,789	19	1,702
Do. for girls	8	1,037	8	930
Total of Gujerati Schools ...	24	2,882	28	2,709
URDOO.				
Day Schools—				
Middle Schools	...	...	...	...
Primary for boys	22	1,832	25	2,750
Do. for girls	3	269	3	361
Total ...	25	2,101	28	3,111
Night Schools	3	99	3	97
Total of Urdoo Schools ...	28	2,200	31	3,208
Grand Total of Marathi, Gujerati, and Urdoo Schools ...	102	10,314	114	11,559

Fourteen new schools were opened during the year, 5 Marathi, 5 Gujerati and 4 Urdoo and the Committee further sanctioned three more, including one for Bhangis which will be opened at an early date. As two schools were closed for want of attendance, there has been a net increase of twelve schools. The total attendance increased from 10,314 to 11,559 being a rise of 1,245 pupils.

Training of Teachers.

The Committee have been steadily adding to the number of trained teachers, and the higher scale of pay adopted for these teachers has induced a number of them to apply for service in Bombay. The Committee have also been paying stipends to students who wish to attend the Training College in order to qualify themselves ; and in view of the paucity of trained teachers in Urdoo Schools, they have opened a class where pupils are prepared for the Vernacular Final Examination, in order that they may be qualified for admission to the Training College. Each student is paid a monthly stipend of Rs. 8. Out of two candidates presented during the year, one passed the Vernacular Final Examination, and was admitted to the Training College. There are at present three Mahomedan students at the College under training.

In consideration of the cost of living in Bombay, the Committee have raised the minimum pay of untrained teachers from Rs. 12 to Rs. 15, rising in three years to Rs. 20.

The percentage of untrained teachers is still very large in municipal schools. But it is expected that an adequate supply of qualified teachers will be obtained when the proposed Training College is established in Bombay. It is hoped that it will not be long before the institution becomes an accomplished fact.

Scholarships.

With the object of encouraging girls to remain longer at school and pursue the higher Vernacular course, the Committee have been awarding a number of scholarships. The result of the experiment has proved satisfactory.

Four out of nine Mary Carpenter scholarships were won this year by the S.S. Bengalee Girls' School, the result being very creditable to the school. The value of the scholarships ranges from Rs. 6 to Rs. 3 per mensem, and they are tenable for a year.

Out of twelve middle school scholarships, three were won by pupils of Municipal Schools, namely, Vithalwady, Dongri and Tardeo.

School Buildings.

The Committee understand that the School Building scheme is fairly progressing, and that there is at last the prospect of a number of primary schools being housed in model buildings in a year or two.

Meanwhile the Committee have been making the best of hired buildings, and a constant effort is made to secure more suitable houses, when available. The following schools were removed to new premises :—

De Lisle Road School	(Urdoo)
Jambli Mohalla	(„)
Budhiwardhak	(Gujerati)
Matunga	(Marathi)
Worlee Koliwada	(„)

Additional accommodation was provided for the undermentioned schools :—

Nagpada School	(Urdoo)
Khara Talao School	(„)
Jambli Mohalla school	(„)
Tank Bunder School	(„)
Bhownagree Mohalla	(„)
Vithalwadi Boys' School	(Marathi)
Kalbadevi Girls' School	(„)
Kamatipura Nirashrit School	(„)

Aided Schools.

The following table shows the number of the Aided Schools, with the attendance thereat, as contrasted with the figures for the preceding year :—

Class of Schools.	Aided.			
	1908-1909.		1909-1910.	
	Schools.	Pupils.	Schools.	Pupils.
MARATHI.				
Day Schools—				
Primary for boys	37	3,721	37	3,823
Do. for girls	16	1,486	16	1,533
	53	5,207	53	5,356
Night Schools	18	361	18	383
Total of Marathi Schools	71	5,568	71	5,739
GUJERATI.				
Day Schools—				
Primary for boys	25	3,199	25	3,184
Do. for girls	14	2,051	15	2,230
Total of Gujerati Schools	39	5,250	40	5,414
URDOO.				
Day Schools—				
Primary for boys	2	320	2	302
Do. for girls	...	...	...	...
Total of Urdoo Schools	2	320	2	302
Grand Total of Marathi, Gujerati, and Urdoo Schools	112	11,138	113	11,455

Three new schools were registered during the year, while two schools were closed. There was, therefore, a net increase of one. The total attendance showed an increase of 317 pupils over the total of the previous year.

A number of schools had applied for a reassessment of their grant on the ground of their improved condition, and the greater expenditure entailed by it. The request was granted, with the result that an increase had to be sanctioned in the grant payable to these schools. The total amount paid to the Aided schools during the year was accordingly Rs. 34,098, as against Rs. 32,834 paid in 1908-09.

Death of Teachers.

The Committee regret to record the death of fifteen teachers during the year under report. Among these were Mr. B. G. Namjoshi, Head Master, Lord Harris School, and Mr. B. L. Godbole, Head Master, Mazagon School, both tried and experienced teachers.

Donations.

The Committee received a number of gifts and donations during the year.

Mr. N. V. Mandlik, Executor Rehatsek Estate, gave a donation of Rs. 400 to be distributed as money prizes to pupils attending Municipal Schools.

Mr. Abdul Karim Jamal of Rangoon has given two scholarships of the value of Rs. 2 each to be awarded to deserving Mahomedan girls.

Messrs. Singer Company made their annual donation of Rs. 15 to be given to the girl who turned out the best work on their machine. This prize has been promised by the Company for three years.

Books and articles of clothing were presented by Messrs. K. R. Chaudhary, Sambhuji Mulluji, Shaikh Ahmed Munshi, and Hiralal Ranchhoddas.

All these gentlemen have been thanked by the Committee for their presents.

Race of Pupils.

The Number of pupils in the Municipal and Aided Schools, according to race, was as under :—

Race.	1908-1909.			1909-1910.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
Europeans and Eurasians	...	1	1	1	...	1
Portuguese and Native Christians	58	344	402	68	264	332
Hindoos	7,518	6,455	13,973	7,695	6,687	14,382
Mahomedans	2,471	1,031	3,502	3,509	1,049	4,558
Buddhists	...	...	...	...	...	...
Parsis	201	2,867	3,068	220	2,967	3,187
Others	66	440	506	66	488	554
Total ...	10,314	11,138	21,452	11,559	11,455	23,014

N. B. MASANI
Secretary, Schools Committee.

Appendix A.

Statement of Actual Income and Expenditure of the "School Fund" for the year 1909-1910.

Receipts.	Amount.	Expenditure.	Amount.
	Rs. a. p.	A.—Schools.	Rs. a. p.
1. Balance on the 1st of April 1909	66,482 1 11	1. Head Masters and Teachers	1,50,052 0 10
2. Fees from Municipal Schools	21,372 3 0	2. Servants	3,932 8 7
		3. Rent	60,518 1 9
		4. Cost of Class Books	574 4 10
		5. School Furniture	8,945 0 0
		6. Prizes	2,971 3 9
3. Contribution from the General Municipal Fund	2,15,276 0 0	7. Contingencies and Miscellaneous	10,130 1 3
		8. Scholarships in Schools	405 0 0
		9. Stipends of Students under Training as Vernacular Teachers	2,975 13 3
		10. Superintendent's Establishment	9,764 13 9
		11. Grants-in-Aid to Primary Schools	34,098 0 0
		12. Library and Museum	1,138 2 9
4. Government Grants-in-Aid towards Buildings.	.....		
		B.—Buildings.	
5. Interest on Endowments or Investments ...	809 15 10	1. Municipal Original Works	720 1 3
		2. Repairs to Municipal School Houses ...	1,137 2 6
6. Miscellaneous	172 4 9	Balance on 31st March 1910	15,910 6 0
Total Rupees ...	3,04,112 9 6	Total Rupees ...	3,04,112 9 6

The Schools Committee's Office,
Bombay, *5th May* 1910.

N. B. MASANI
Secretary, Schools Committee.

Appendix B.

Balance Sheet of the "School Fund" for the year 1909-1910.

Liabilities.	Rs. a. p.	Assets.	Rs. a. p.
To Deposit Account	168 0 8	By Advance on account of Bengalee Girls' School Building	12,175 4 3
„ Hurkisondas Brijlal Prize Fund—			
Principal ... ... Rs. 590 0 0			
Interest ... ... „ 8 13 10			
	508 13 10	„ Bank of Bombay, Government, &c., Paper Deposit Account	4,000 0 0
„ Dr. Blaney Prize Fund—			
Principal ... ... „ 1,000 0 0		„ Advance Account—	
Interest ... ... „ 17 2 9			
	1,017 2 9	To the Secretary ... Rs. 15 0 0	
„ Madhawdas Rugnathdas Prize Fund—			
Principal ... ... Rs. 500 0 0		„ the Superintendent „ 50 0 0	
Interest ... ... „ 43 12 4			65 0 0
	543 12 4		
„ Jivkore Lallubhai Scholarship, &c., Fund—		„ Advances Miscellaneous	60 0 0
Principal ... ... Rs. 1,000 0 0			
Interest ... ... „ 69 10 0			
	1,069 10 0	„ Actual Cash Balance on 31st March 1910—	
„ Jhaboobai S. Bengali Prize Fund—			
Principal ... ... Rs. 1,000 0 0		In Bank of Bombay Rs. 4,322 15 1	
Interest ... ... „ 59 0 2			
	1,059 0 2	„ Office Treasury „ 59 10 5	
„ Rehatsek Prize Donation	400 0 0		4,382 9 6
„ Donation for Training Urdoo Teachers ...	2 0 0		
„ N. S. Bengalee Donation	4 0 0		
„ Income and Expenditure Account—			
Balance on 31st March 1910	15,910 6 0		
Total Rupees ...	20,682 13 9	Total Rupees ...	20,682 13 9

The Schools Committee's Office,
Bombay, *5th May* 1910.

N. B. MASANI
Secretary, Schools Committee.

From

The Municipal Auditors,

BOMBAY.

To

The Municipal Secretary,

BOMBAY.

SIR,

WE have the honour to forward herewith the Auditors' report on the Municipal Accounts for the year 1909-1910 in view to the same being printed and submitted to the Corporation as usual.

We have the honour to be,

SIR,

Your most obedient servants,

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,

Municipal Auditors.

BOMBAY, *3rd August* 1910.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR THE YEAR 1909-1910.

For the audit of the accounts, under review, Messrs. B. B. Desai and S. T. Thakur were appointed to be Auditors, as per Corporation Resolution No. 7595, dated 8th March 1909.

2. As usual, all vouchers and papers, relating to both Receipts and Disbursements for the year 1909-10, have been examined with the Day Books and the Subsidiary Ledgers or classified abstracts of Receipts and Charges; the postings in the General Ledger have also been checked with the entries in the Day Books, and those in the Journal with the Subsidiary and General Ledgers.

3. The weekly statements of Receipts and Charges of the Municipal Fund were examined, as they were prepared, prior to their publication in the Bombay Government Gazette.

4. The number of vouchers, relating to the accounts of the year, under review, compare with those of the previous year, as follows :—

	1908-1909.	1909-1910.
Receipt vouchers...	36,100	36,691
Disbursement vouchers	84,478	81,790
	120,578	118,481
		—2,097

There is on the whole a decrease of 2,097 in the number of vouchers in the year under report.

5. The result of the year, compared with the Budget, Revised and Actuals of the previous year, has been summarized below :—

	Accounts 1908-09.	1909-10.		
		Budget.	Revised.	Accounts.
	Rs.	Rs.	Rs.	Rs.
Revenue and Receipts	1,02,86,048	1,08,60,000	1,09,67,270	1,12,13,864
Expenditure	1,06,30,126	1,08,60,802	1,21,36,875	1,13,97,050
Surplus	.....	.....	.....	.....
Deficit—	3,44,078	802	11,69,605	1,83,186

6. The total receipts during the year, under report, were more than those of the previous year by Rs. 9,27,816. The actuals were also better than the Budget and the Revised by Rs. 3,53,864 and Rs. 2,46,594, respectively. When compared with the actuals of the previous year, there are increases mainly under General, Water, Halalkhor and Wheel Taxes, and Town Duties &c. The reasons for the variations have been given in the report of the Chief Accountant.

7. The total expenditure from the Municipal Fund amounted to Rs. 1,13,97,050 against Rs. 1,06,30,126, in the previous year, resulting in an increase of Rs. 7,66,924. The actuals were worse than the Budget by Rs. 5,36,248 and were better than the Revised by Rs. 7,39,825. When compared with the actuals of the previous year there was increased expenditure mainly under the following heads :—

(1) General Superintendence.
(2) Education.
(3) Miscellaneous.
(4) Contribution to the C. I. Trust.
(5) Municipal Debt.

8. When the Budget was framed it was anticipated that the year would close with a deficit of Rs. 802. This deficit was increased to Rs. 11,69,605 in the Revised Estimate. The actuals have, however, resulted in a deficit of Rs. 1,83,186 against a deficit of Rs. 3,44,078 in the year 1908-1909.

9. The opening Cash Balance on the 1st April 1909 was Rs. 10,85,658-14-8. This together with total receipts of the year (inclusive of Debt, Deposits, Advances, &c.) amounted to Rs. 4,95,87,525-13-7. The gross payments during the year, amounted to Rs. 4,94,25,650-12-6, thus leaving a balance of Rs. 1,61,875-1-1 on the 31st March 1910.

10. The Surplus Funds Investments on the 31st March 1910, amounted to Rs. 25,15,756-4-11, as per following details, against Rs. 16,26,046-6-11 on the same date last year :—

	Rs	a.	p.
In Government, &c., Paper with the Bank of Bombay (face value Rs. 4,46,400)	3,97,534	11	0

In Current Account with the following Banks :—	Rs.	a.	p.
The Hongkong and Shanghai Banking Corporation	50,802	3	9
The Comptoir National d' Escompte de Paris	1,137	4	9
The Chartered Bank of India Australia and China...	26,204	9	3
The National Bank of India, Limited	1,115	9	3
The Yokohama Specie Bank	947	9	4
The Mercantile Bank of India, Limited	1,27,422	15	11
The Bank of India, Limited	35,591	5	8
Total...Rs.	2,43,221	9	11

In fixed Deposit with the following Banks:—	Rs.	a.	p.
The Bank of Bombay	15,00,000	0	0
The Comptoir National d'Escompte de Paris	1,25,000	0	0
The Mercantile Bank of India Limited	2,50,000	0	0
Total Rs	18,75,000	0	0
Grand Total Rs....	25,15,756	4	11

11. The invested balances of the several Loan Funds on the 31st March 1910, amounted to Rs. 31,37,566-6-2 as per following details, against Rs. 7,23,372-1-0 on the same date last year :—

	Rs.	a.	p.
In Government, &c., Paper with the Bank of Bombay (face value Rs. 6,29,500)	6,27,937	8	0

In Current Account with the following Banks :—	Rs.	a.	p.
The Hongkong and Shanghai Banking Corporation	26,838	13	2
The Chartered Bank of India, Australia and China	52,636	5	9
The National Bank of India, Limited	54,503	12	9
The Yokohama Specie Bank,...	832	5	4
The Mercantile Bank of India, Limited	77,807	2	1
The Bank of India, Limited...	1,22,010	7	1
Total Rs....	3,34,628	14	2

In fixed deposit with the following Banks:—	Rs.	a.	p.
The Bank of Bombay	18,00,000	0	0
The Comptoir National d'Escompte de Paris	25,000	0	0
The Mercantile Bank of India Limited	2,50,000	0	0
The Bank of India Limited	1,00,000	0	0
Total Rs...	21,75,000	0	0
Grand Total Rs....	31,37,566	6	2

12. The above balances in the several Banks have been compared with the Pass Books of the various Banks and found correct, and the safety receipts for the Government &c. Paper, lodged with the Bank of Bombay, and the Fixed Deposit Receipts of the several Banks were examined and found to be in order.

13. The following is the list of charges, sanctioned during the year 1909-1910 by the Municipal Commissioner and paid out of his Discretional Contingent Grant :—

Item No.	Particulars.	Amount. Rs. a. p.
1	Payment of fees to Dr. Gilbert Fowler for his opinion on the working of Septic tanks and filters installation at Malabar Hill	179 4 0
2	Charges for erecting a rack in the new godown in Chinchpokly Central Stores	172 10 11
3	Part payment of premium to Mr. Abdullaly Noorbhai, Attorney to Bai Huseinbai, Abdul Husein for insuring the property at Dady Sett Agairy Street, the same having been handed over to the Municipality	46 7 8
4	Cost of pavement around the stand pipe at Forjett Street	169 13 8
5	Cost of providing cut stone steps and C. I. railing in the compound wall at West wing and teakwood fence at the front and East wing of the plot of ground adjoining the Falkland Road Dharamshala	441 14 4
6	Payment of fee to Mr. Chambers, for professional services, rendered in connection with inspecting the B. I. S. N. Co's. premises at Managaon and writing a detailed report ...	510 0 0
7	Payment to two foremen Messrs. Scotts and Williams of Rs. 30 each, in recognition of their services in saving life in a fire at Green Street on 17th December 1908	60 0 0
8	Payment of compensation to the complainant Bescofally Abdul Kadar, as awarded by the Chief Presidency Magistrate	25 0 0
9	Travelling expenses of peons for journeys to and from Khandalla, Ahmednagar and Poona with the office papers of the Municipal Commissioner	32 15 0
10	Charges for erecting privy in the Hindu Cemetery at Tank Bunder	265 15 7
11	Payment of the fourth instalment of the subscription to the Cyclopaedia of India, Vol. III and of the 1st, 2nd and 3rd instalments on Vols. I and II and specimen part	189 0 0
12	Cost of damage done to the Railway Gate Chinchpokly	41 6 0
13	Payment of fees to Mr. D. P. Bhedwar for services rendered in connection with the P. & O. Co's. Appeal against over-valuation of their buildings, land &c	1,657 8 0
14	Payment of fees to Dr. Gilbert Fowler for his opinion on the admission of trade effluent into sewers	392 15 9
15	Payment of expenses incurred for sending a bulakhoro bitten by a rabid dog to Pasteur Institute for treatment	8 4 0
16	Compensation paid to Mr. J. O. Kiddle for damage done to his carriage &c. and injury to his mare who shied at the Municipal hydrant coolie, watering the Esplanade Road on 1st January 1910	39 0 0
17	Charges in connection with draining the privies in the special intermediate system at premises No. 127 Sarang Street	767 11 1
18	Nominal rent of ground occupied for an urinal at the Musjid Bunder	0 1 0
19	Cost of lead expended by the men of the Superintendant Maintenance Branch in the work executed for the City Improvement Trust	320 0 0
20	Part payment of the cost of providing two iron drinking troughs at the Tardeo Flats ...	15 14 8
21	Part payment of the demolition charges of two urinals at Musjid Bridge	0 2 5
22	Cost of shifting the gate to the South East corner of the compound wall at Tank Bunder Cemetery	13 0 9
23	Cost of fixing iron bars and iron grated door in the D Ward office of the Assessor and Collector's Department	50 15 2
24	Cost of providing teakwood screen for the Revenue and Refund Audit Office	360 4 9
25	Cost of providing a door on the East side of the compound wall at Tank Bunder Cemetery	39 11 5
26	Cost of removing and replacing the stand pipe and paved mahani in the Chinchpokly Central Stores	81 15 4
		5,880 15 6
	Less—Credit Rs. ...	30 10 1
	Net.—Expenditure Rs. ...	5,850 5 5

14. The amount, outstanding on the 31st March 1910, under "Advances—Personal Account of Municipal Officers," was Rs. 26,984-5-7, against Rs. 19,028-9-10 on the same date last year. The former sum includes Rs. 7,255-0-0 on account of Permanent Advances to Municipal Officers, and the remainder, *viz.*, Rs. 19,729-5-7 represents the sum debited to this head pending adjustment.

15. The amounts, outstanding on the 31st March 1910, under the heads noted below, compare as follows with those on the same date last year :—

	1908-1909. Rs. a. p.	1909-1910. Rs. a. p.
Departmental Works	42,726 7 2	12,045 3 8
Private Works...	31,505 11 7	19,952 1 2
Workshop	23,236 3 6	15,483 3 0
Total Rs. ...	97,468 6 3	47,480 7 10

16. The amount, outstanding on the 31st March 1910, to the debit of "Personal Account of Municipal Contractors" for supplies and services, rendered to them, and for recoveries due from defaulting contractors, was Rs. 30,478-3-2, against Rs. 18,003-9.2 on the same date last year.

17. The total expenditure on account of Plague, during the year, under report met out of Current Revenue, amounted to Rs. 2,00,915-0-5, against Rs. 2,23,328-5-8 in the preceding year, showing a decrease of Rs. 22,413-5-3 in the year. The total expenditure on this account, from the commencement of Plague, *i.e.*, from the year 1896-97 to the end of the year 1909-1910, amounted to Rs. 72,31,313 and was financed as follows :—

	Rs.
(1) From the 20 Lakhs Plague Loan	20,00,000
(2) From the Government contribution..	14,50,000
(3) From current revenue	12,71,261
(4) From the amount recovered from the City Improvement Trust..	16,00,000
(5) From advances from Loan funds	9,10,052
Total Rs ...	72,31,313

It may be noted that the last item of Rs. 9,10,052 is now outstanding under a Suspense head pending future adjustment.

18. The scrutiny of Collections and of Outstanding Bills of Rates and Taxes for the year 1909-10 and of previous years :—

Collections :—During the year there were issued by the Assessor and Collector 95,552 net Demand Assessment Bills for Property and Wheel Taxes, of the value of Rs. 70,10,064-6-11 and 3,080 bills for Meter Hire for the same year of the value of Rs. 29,266.

The following figures give the particulars of the bills and Collections :—

		Rs. a. p.	Rs. a. p.
95,052	Bills for Property and wheel Taxes were issued for 1909-1910 of the value of	.....	69,79,290 0 2
412	Bills for the year 1908-1909	25,976 6 9	
62	" " 1907-1908	3,078 12 11	
7	" " 1906-1907	660 4 4	
6	" " 1905-1906	704 9 7	
2	" " 1904-1905	354 5 2	
			30,774 6 9
490			
3,080	Bills for meter hire for 1909-1910	.....	29,266 0 0
98,632	Total number of bills for 1909-1910...	.....	70,39,330 6 11
	Add—Government and Port Trust Contributions	3,78,857 0 0	
	Outstandings on 31st March 1909	1,34,111 10 6	
			5,12,968 10 6
	Total amount to be collected	.....	75,52,299 1 5
	Less—Collections made by the Assessor and Collector	70,15,415 10 5	
	Paid by Government and Port Trustees	3,78,857 0 0	
			73,94,272 10 5
			1,58,026 7 0
	Deduct—Amount of bills recalled, amended, and cancelled for all years from 1902-1903 to 1908-1909		43,220 4 2
	Total outstanding on 31st March 1910 (*vide* Appendix C)		1,14,806 2 10

Amount outstanding on 31st March 1909, exclusive of motor hire	1,33,550	2	6
Deduct.—Amount of bills recalled, amended and cancelled during the year for all years prior to 1909-1910 exclusive of Rs. 1,129-12-0 on account of motor hire ...	42,090	8	2
	91,459	10	4
Add—Amount of bills amended and issued during the year	30,774	6	9
	1,22,234	1	1
Deduct—Amount recovered during the year	1,15,186	1	9
Balance outstanding on 31st March 1910 (*vide* Appendix B)	7,047	15	4

19. In accordance with the instructions, contained in the Corporation Resolution No. 5294, dated the 19th November 1888, all Sinking Fund Investments during the year, pertaining to the several Loans, were examined and found to agree with the amounts, provided in the Budget for the year 1909-1910. The total accumulated balance on account of the several Sinking Funds on the 31st March 1910, amounted to Rs. 94,39,636-11-10, (Rs. 94,39,069-11-0 in Securities of the nominal value of Rs. 94,42,000 as given below and Rs. 567-0-10 in cash) :—

	Nominal value of paper	Actual cost.		
	Rs.	Rs.	a.	p.
5 per cent. Municipal Bonds	34,66,000	34,66,000	0	0
4 per cent. do.	16,15,000	16,14,816	6	9
4 per cent. City Improvement Trust Bonds...	28,57,000	28,57,051	11	3
3½ per cent. Government Promissory Notes.	13,72,600	13,69,801	9	0
3 per cent. Government Promissory Notes.	1,31,400	1,31,400	0	0
Total Rs. ...	94,42,000	94,39,069	11	0

The Safety Receipts, granted by the Bank of Bombay, for the above Securities in its custody, have been examined and found to be in order, and the Cash Balances in the Bank's Pass Books of the above funds have also been verified and found correct.

20. The balances of the Several Reserve Funds, *viz.*, "Municipal Building Fire Insurance", "Worn-out Water Mains Renewal" and the "Net Premia Funds", on the 31st March 1910, amounted to Rs. 7,55,112-7-5 (Rs. 7,54,519-6-0, in securities of the nominal value of Rs. 7,51,000 as given below, and Rs. 593-1-5 in Cash) :—

	Nominal value of Paper.	Actual cost.		
	Rs.	Rs.	a.	p.
Municipal Building Fire Insurance Fund ...	1,23,500	1,24,880	0	0
Worn-out Water Mains Renewal Fund ...	5,72,000	5,73,118	7	0
Net Premia, &c., Fund	55,500	56,520	15	0
Total Rs. ...	7,51,000	7,54,519	6	0

The Bank's Safety Receipts for the above securities and Pass Books for the Cash Balance have been examined and found to be in order.

21. The Safety Receipts for Securities in Government &c. Paper, received from the Municipal employes and contractors and lodged with the Bank of Bombay, have been examined and found to be in order.

22. The Securities, furnished by the Municipal employes and on the record of the Chief Accountant's Office, have also been examined with the registers, maintained in his office and found to be in order.

23. The balance of stock in hand on the 31st March 1910, as per books of the Chief Accountant, compared with that of the preceding year, was as follows :—

Department.	1908-09.	1909-10.
	Rs. a. p.	Rs. a. p.
Executive Engineer's Department	613 9 6	2,006 13 11
General Stores Department.		
General Stores	4,89,688 4 1	4,89,841 0 8
Plague Stores	92 12 8	... ...
Surplus and Obsolete Stores	58,131 5 3	45,050 8 5
Line Suspense Account	1,22,344 10 0	1,20,987 3 5
Total Rs. ...	6,70,257 0 0	6,55,878 12 6
Stores (sales)	2,547 9 4	3,923 14 1
Water Works Imprest	1,965 11 2	978 0 3
Stock Adjustment Account	52,315 10 4	—10,148 1 6
Total Rs. ..	56,828 14 10	—4,246 3 2
Grand Total Rs. ...	7,27,699 8 4	6,53,639 7 3

24. In accordance with the instructions, contained in para. XXIX of the Stores and Stores Audit Manual, a balance sheet of the General Stores Department has been prepared in the form of Appendix O of the Manual, giving two sets of figures, one from the books of the Chief Accountant and the other from the balance sheet of the Storekeeper. The difference in the balance on the 31st March 1910 between the two sets of figures, has been explained by a footnote in the statement hereto attached.

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,

BOMBAY, *3rd August* 1910. *Municipal Auditors.*

Statement of Stores Transactions for the year ending 31st March 1910.

(Appendix O of the Stores and Stores Audit Manual.)

General Stores Department.	Figures as per books of the Chief Accountant.					Figures as per balance sheet of the Storekeeper.				
	Balance on 31st March 1909.	Receipts during 1909-10.	Total.	Issues during 1909-10.	Balance on 31st March 1910.	Balance on 31st March 1909.	Receipts during 1909-10.	Total.	Issues during 1909-10.	Balance on 31st March 1910.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Stores	4,89,688 4 1	6,18,694 13 1	11,08,383 1 2	6,18,542 0 6	4,89,841 0 8	4,71,828 15 5	6,23,556 6 9	10,95,385 6 2	6,33,563 14 2	4,61,821 8 0
Plague Stores	92 12 8	.....	92 12 8	92 12 8	.....	.....	.....	.....	.....	.....
Surplus and Obsolete Stores	58,131 5 3	295 11 0	58,427 0 8	13,379 7 10	45,050 8 5	58 924 9 0	452 14 0	54,377 7 0	9,326 14 7	45,050 8 5
Line Suspense Account.	1,22,344 10 0	409 5 5	1,22,753 15 5	1,766 12 0	1,20,987 3 5	1,22 344 10 0	409 5 5	1,22,753 15 5	1,766 12 0	1,20,987 3 5
Total Rupees ...	6,70,257 0 0	6,19,399 13 6	12,89,656 13 6	6,33,778 1 0	6,55,878 12 6	6,48,098 2 5	6,24,418 10 2	12,72,516 12 7	6,44,657 9	6,27,859 3 10
									Difference ...	* 28,019 8 8
										6,55,878 12 6

* The difference of Rs. 28,019-8-8 between the Balances on 31st March 1910, as shown above, is mainly due to non-adjustments of the value of certain Stores in the Books of the Chief Accountant. These adjustments will be made on receipt of complete information and documents from the different Departments.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *3rd August* 1910.

BOMBAY, 1*st June 1910.*

FROM

THE MUNICIPAL AUDITORS,

BOMBAY.

TO

THE MUNICIPAL SECRETARY,

BOMBAY.

SIR,

IN accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honour to forward herewith the three appendices marked A, B, and C, containing the result of the Scrutiny of the Outstanding Bills of Rates and Taxes, which were in the hands of Ward Clerks and in the office of the Assessor and Collector on the 31st March 1910.

2. These appendices form part of the Annual Report on the Municipal Accounts for the year 1909-1910 now under preparation.

We have the honour to be,

SIR,

Your most obedient Servants,

BHUKHANDAS B. DESAI,

SHIVARAM TRIMBAK THAKUR,

Municipal Auditors.

Appendix A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1910.

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhore Tax.	Total.	Compounded or Special. Compounded Water Service.	Special Halalkhore Service.	Water charged by Meter.	Taxes on Vehicles and Animals.	Meter Hire.	Grand Total.
		1908 1909.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	1,202	35,939 14 1	7,961 14 11	10,820 7 6	54,723 4 6	827 11 1	4,710 2 1	11,527 7 9	963 1 0	491 0 0	73,247 10 5
B	140	2,923 4 10	1,437 7 11	1,604 7 4	5,465 4 1	2 0 0	51 0 6	674 12 4	185 6 0	56 8 0	6,434 14 11
C	160	3,565 7 4	2,831 7 1	1,270 13 4	7,668 11 9	2 0 0	58 6 6	440 13 10	47 0 0	5 0 0	8,222 0 1
D	195	4,499 14 3	3,869 12 6	1,125 15 4	9,486 10 1	4 0 0	47 12 0	457 10 0	329 0 0	20 0 0	10,645 0 1
E	176	2,152 4 10	804 6 3	779 3 7	3,735 14 8	10 0 0	1,276 13 10	1,076 5 2	484 1 0	.....	6,585 2 8
F	169	806 4 6	321 0 4	181 6 1	1,310 10 11	9 0 0	11 6 0	154 0 8	8 0 0	8 0 0	1,501 1 7
G	167	642 6 0	172 11 0	240 13 9	1,055 14 9	7 0 0	.....	10 7 0	25 0 0	24 0 0	1,122 5 9
Total...	2,152	50,531 7 10	17,496 12 0	15,723 2 11	83,751 6 9	861 11 1	6,157 8 11	14,341 8 9	2,041 8 0	604 8 0	1,07,758 3 6

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, 1*st June* 1909.

Appendix B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1908-1909 and previous years in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1910.

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compounded Water Service.	Special Halalkhor Service.	Water charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		FOR THE YEAR 1908-1909.								
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	87	1,739 10 8	150 3 1	622 9 19	2,512 7 7	33 15 0	296 2 5	411 10 9	114 11 0	3,368 14 9
B	7	103 2 3	51 7 2	44 1 7	198 10 12	.....	.....	.....	11 0 0	209 10 11
C	3	.....	38 2 4	.....	38 2 4	.....	.....	.....	.....	38 2 4
D	13	64 14 6	61 13 10	21 7 2	148 3 6	.....	.....	.....	30 0 0	178 3 6
E	27	175 12 7	71 14 3	59 1 3	306 12 1	.....	622 6 0	.....	20 13 6	949 15 7
F	5	145 8 5	60 13 0	4 8 0	210 13 5	.....	.....	.....	5 0 0	215 13 5
G	16	9 3 4	2 10 0	3 6 0	14 13 4	3 0 0	.....	28 12 3	20 0 0	66 9 7
Total ...	159	2,238 3 8	436 15 8	754 11 10	3,429 15 2	36 15 0	918 8 5	440 7 0	201 8 6	5,027 6 1
		FOR THE YEAR 1907-1908.								
A	24	322 0 4	20 11 8	133 4 10	476 0 10	42 5 8	67 9 8	.....	7 0 0	593 0 2
B	6	15 6 11	0 3 1	5 11 10	21 5 10	.....	.....	.....	26 1 0	47 6 10
C	3	0 5 0	.....	.....	0 5 0	.....	.....	.....	12 5 6	12 10 6
D	5	154 4 11	46 3 2	50 10 1	251 2 2	.....	.....	.....	.....	251 2 2
E	10	70 15 8	29 10 7	22 6 10	123 1 1	.....	190 6 9	.....	19 0 0	332 7 10
F	9	358 15 2	138 12 7	33 1 8	531 10 5	.....	.....	.....	11 0 0	542 10 5
G	10	36 12 1	1 5 0	12 6 0	50 7 1	.....	.....	.....	.....	50 7 1
Total ...	67	958 12 1	236 14 1	258 6 3	1,454 0 5	42 5 8	258 0 5	.....	75 6 6	1,829 13 0
		FOR THE YEAR 1906-1907.								
A	1	.....	.....	.....	.....	0 3 8	.....	.....	.....	0 3 8
C	1	.....	.....	.....	.....	.....	.....	.....	10 15 8	10 15 8
E	2	4 8 0	2 0 0	3 0 0	9 8 0	.....	.....	.....	.....	9 8 0
G	2	1 12 10	.....	.....	1 12 10	.....	.....	.....	.....	1 12 10
Total ...	6	6 4 10	2 0 0	3 0 0	11 4 10	0 3 8	.....	.....	10 15 8	22 8 2
		FOR THE YEAR 1905-1906.								
A	1	.....	.....	.....	.....	24 1 6	.....	.....	.....	24 1 6
C	1	.....	.....	.....	.....	.....	.....	.....	10 13 3	10 13 3
E	2	4 8 0	2 0 0	3 0 0	9 8 0	.....	.....	.....	.....	9 8 0
Total ...	4	4 8 0	2 0 0	3 0 0	9 8 0	24 1 6	.....	.....	10 13 3	44 6 9
Carried over ...	235	3,207 12 7	677 13 9	1,019 2 1	4,904 12 5	103 9 10	1,176 8 10	440 7 0	298 11 11	6,924 2 0

Appendix B—*continued.*

Wards.	No. of Bills.	AMOUNT. On Value. General Tax.	Water Tax.	Halalkhore Tax.	Total.	Compounded or Special. Compounded Water Service.	Special Halalkhore Service.	Water charged by meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over ...	235	3,207 12 7	677 13 9	1,019 2 1	4,904 12 5	103 9 10	1,176 8 10	440 7 0	298 11 11	6,924 2 0
FOR THE YEAR 1904-05.										
A	1	.....	.....	.....	.....	.....	23 10 0	.....	.....	23 10 0
E	2	5 4 0	2 0 0	3 0 0	10 4 0	.....	.....	.....	.....	10 4 0
Total ...	3	5 4 0	2 0 0	3 0 0	10 4 0	.....	23 10 0	.....	.....	33 14 0
FOR THE YEAR 1903-04.										
E	1	2 10 0	1 0 0	1 8 0	5 2 0	.....	.....	.....	.....	5 2 0
FOR THE YEAR 1900-1901.										
C	2	54 6 0	17 6 6	13 0 10	84 13 4	.....	.....	.....	.....	84 13 4
Grand Total ...	241	3,270 0 7	698 4 3	1,036 10 11	5,004 15 9	103 9 10	1,200 2 10	440 7 0	298 11 11	7,047 15 4

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *1st June 1910.*

Appendix C.

SUMMARY OF APPENDICES A AND B.

Years.	Appendix A. No. of Bills.	Appendix A. Amount.	Appendix B. No. of Bills.	Appendix B. Amount.	Grand Total. No. of Bills.	Grand Total. Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1909-1910	2,152	1,07,758 3 6	.....	.....	2,152	1,07,758 3 6
1908-1909	.....	.....	158	5,027 6 1	158	5,027 6 1
1907-1908	.....	.....	67	1,829 13 0	67	1,829 13 0
1906-1907	.....	.....	6	22 8 2	6	22 8 2
1905-1906	.....	.....	4	44 6 9	4	44 6 9
1904-1905	.....	.....	3	33 14 0	3	33 14 0
1903-1904	.....	.....	1	5 2 0	1	5 2 0
1900-1901	.....	.....	2	84 13 4	2	84 13 4
Total ...	2,152	1,07,758 3 6	241	7,047 15 4	2,393	1,14,806 2 10

Outstanding amount on the same date last year was Rs. 1,34,111-10-6.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *1st June 1910.*

BOMBAY, 28*th July* 1910.

To THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

WE have the honour to forward herewith our Report on the Accounts of the Schools Committee for the year 1909-1910.

We have the honour to be,
SIR,
Your most obedient servants,
BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

REPORT ON THE ACCOUNTS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1909-10.

In accordance with Bye-law No. 15 of the Schools Committee, we beg to report that we have audited the accounts, examined all vouchers, relating to the receipts and disbursements of the School Fund in charge of the Schools Committee, from the 1st April 1909 to the 31st March 1910, and found them in order.

2. The total receipts of the Schools Committee, during the year, under report, amounted to Rs. 2,37,630-7-7 against Rs. 2,19,686-7-2 during the year 1908-09. The increase of Rs. 17,944-0-5 is mainly due to a supplementary grant by the Corporation for the payment of Local Allowance to teachers.

3. The total expenditure during the year 1909-10, amounted to Rs. 2,88,202-3-6 against Rs. 2,54,888-5-6 in the year 1908-09. The increase of Rs. 33,313-14-0 in the expenditure is mainly due to the following causes:—

(*a*) Payment of Local Allowance to teachers.
(*b*) Opening of new schools and consequent additional expense on rent, furniture, salaries of teachers &c.
(*c*) Employment of additional teachers in existing schools.
(*d*) Increase in the grant paid to the aided schools.

4. The sanctioned total Budget grant for expenditure during the year, under report, has not been exceeded, as in the past. But more expenditure has been booked than the Budget grants under the following heads:—

	Budget grants.	Expenditure booked.	Excess.
A.—*Schools.*	Rs. a. p.	Rs. a. p.	Rs. a. p.
Contingencies and Miscellaneous	10,000 0 0	10,130 1 3	130 1 3
Grant in aid to primary schools	34,000 0 0	34,098 0 0	98 0 0
B.—*Buildings.*			
Municipal original works	.....	720 1 3	720 1 3
Total Rs...	44,000 0 0	44,948 2 6	948 2 6

It is requested that the Secretary may be instructed to obtain the necessary transfer of grants to meet the excess under the heads, enumerated above.

5. It will be seen from the foregoing paragraphs 2 and 3 that the total receipts were less than the total outgoings by Rs. 50,571-11-11 during the year under report. This excess expenditure was met from the accumulated surplus balance of previous years, which was held partly in cash and partly in Government securities. It may be noted that Government Securities of the nominal value of Rs. 40,000 belonging to the fund, were sold during the year and the proceeds utilized as above.

6. The total assets and workable balance of the School Fund on 31st March 1910 amounted to Rs. 20,682-13-9 and Rs. 15,910-6-0, respectively, as per details given below :—

Advances recoverable		Rs. 12,300	4 3
Government Promissory notes and other Securities deposited with the Bank of Bombay on account of Prize Funds of the nominal value of	Rs. 4,000 0 0	„ 4,000	0 0
Cash Balance—			
In the Bank of Bombay	Rs. 4,322 15 1		
In the Office Treasury	„ 59 10 5		
		„ 4,382	9 6
Total amount of Assets		Rs. 20,682	13 9
Deduct—			
Total Liabilities of the School Fund on account of Prize Funds &c....		„ 4,772	7 9
Total amount of the workable balance of the School Fund on the 31st March 1910		„ 15,910	6 0

7. The balance in the Pass Book of the Bank of Bombay was verified by us and found correct, and the safety receipts for the Government Papers, &c., lodged with the Bank of Bombay, were examined by us and found to be in order.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, 28*th July* 1910.

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PART II.

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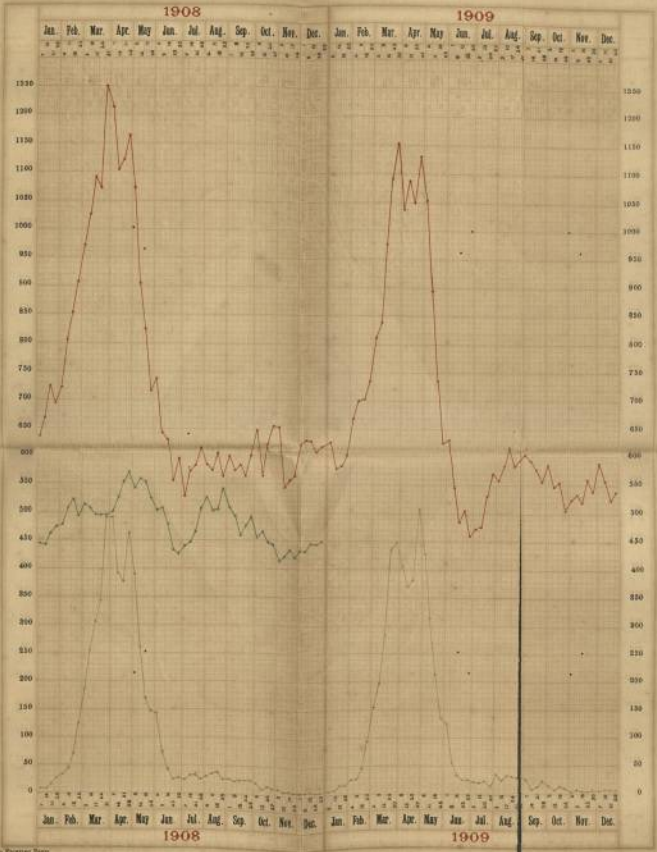
DIAGRAM

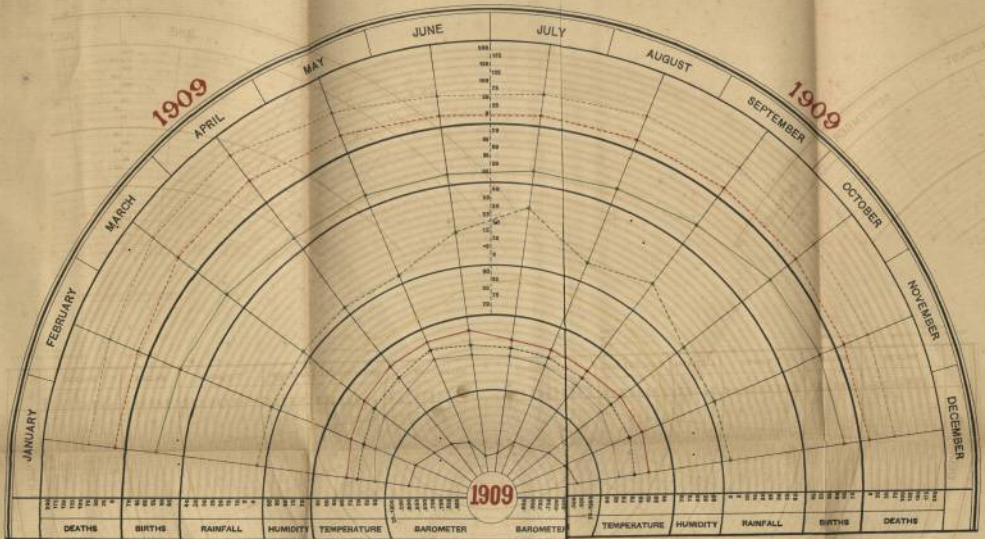
Weekly Total and Plague Mortality during 1908 and 1909



DIAGRAM

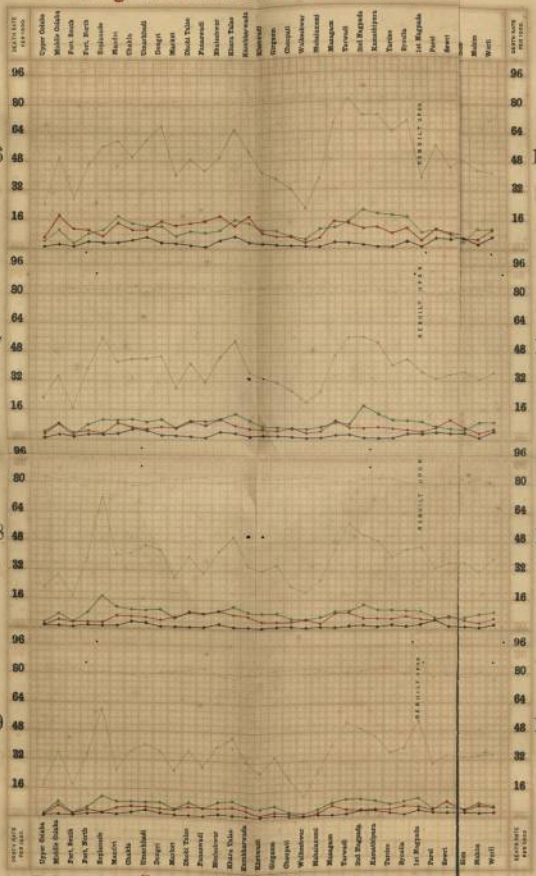
Average Birth and Death Rate and the Prevalence of Climatic Conditions by Months in Bombay

during



Sam Kaikobad Printing Press, Girgaon Bombay

DIAGRAM—Death-Rate from Total Mortality and Mortality from some of the Principal Diseases by Sections in Bombay City during the Years 1906 to 1909 compared.

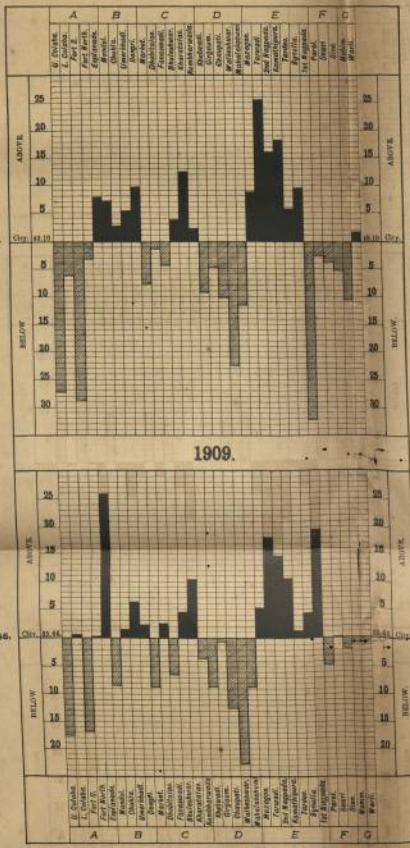


GENERAL DEATHRATE

(*Including Plague.*)

IN BOMBAY & ITS SECTIONS.

Mean of 1904-08.



Shri Kanyeshwar Printing Press, Girgaum Bombay.

PUBLIC HEALTH.

Annual Report of the Executive Health Officer for 1909.

I have the honour to submit my Annual Report for 1909 on the Conditions and Administration of Public Health in Bombay.

Area and Population.

The area of the City and Island is 22·45 square miles (excluding the area of Colaba and Sewree reclamations measuring about ·03 and ·07 square miles respectively), and the population according to the Census of 1906 is 977,822 on which figure the vital statistics for the year under report are based.

CONDITIONS OF PUBLIC HEALTH.

Satisfactory health conditions.

The health conditions of the City during the year may be summarised as improving, as there was no incidence of any epidemic disease excepting Plague.

Comparing the total death-rate in 1909 with that of the decennium 1899-1908, the result if expressed in terms of lives shows a saving to the City of 16,569 lives.

To show the improvement at a glance the subjoined Table is given with the decennial averages for some of the principal diseases and the figures for the year under notice.

Cause of death.	Number of deaths during.		Decrease below decennial average.
	1899-1908 (Average)	1909	
Small-pox	949	473	476
Plague	13,273	5,197	8,076
Cholera	669	727	58 (Increase)
Fevers	4,525	2,800	1,725
Phthisis	4,190	2,415	1,775
Diseases of the Respiratory system	8,947	7,974	973
All Causes	51,447	34,878	16,569
No. of births registered...	16,997	19,839	2,842 (Increase)

COMPARATIVE TABLE OF THERMOMETRICAL READINGS.

MEAN TEMPERATURE.

MONTHS.	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
January	73·4	74·3	74·2	77·0	74·4	76·0	73·4	74·0	76·9	75·6	73·0
February	76·3	75·3	73·6	77·5	74·5	77·7	71·4	73·7	76·4	75·4	74·8
March	80·5	79·6	80·1	81·9	76·7	79·9	76·1	77·5	79·8	77·6	79·8
April	83·4	82·9	84·2	84·4	82·2	83·1	79·7	81·5	83·4	83·3	82·2

MAXIMUM TEMPERATURE.

MONTHS.	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
January	86·9	84·6	83·2	87·1	84·1	86·8	83·4	85·4	86·3	84·8	79·6
February	86·8	81·4	85·2	85·0	87·8	88·8	81·8	84·6	84·8	89·4	83·0
March	87·5	89·4	93·3	89·3	84·2	91·1	83·8	84·9	88·4	86·4	87·2
April	90·4	88·8	91·2	89·6	90·1	88·2	86·0	88·8	88·9	94·3	90·1

MINIMUM TEMPERATURE.

MONTHS.	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
January	61·2	64·4	65·2	66·4	62·4	63·3	57·4	62·4	67·2	63·4	62·7
February	69·8	67·0	60·1	65·9	62·4	68·3	58·4	63·6	64·2	62·3	66·1
March	71·2	70·9	69·3	73·4	66·7	70·7	63·8	69·2	71·4	65·4	71·0
April	75·4	75·0	76·7	77·6	69·4	76·6	68·7	73·4	76·7	75·9	73·9

Plague.

The number of deaths from Plague declined from 18,185 in 1898 to 13,285 in 1900; from 18,736 in 1901 to 13,820 in 1902; from 20,788 in 1903 to 13,538 in 1904; from 14,198 in 1905 to 10,823 in 1906; and from 6,389 in 1907 to 5,197 in 1909-the lowest on record since the beginning of Plague, the decline being progressive and uninterrupted since 1906.

Rainfall.

The total rainfall recorded at Colaba Government Laboratory was 71·22 against 53·54 in 1908 and was the heaviest since 1904, excepting that in 1907 which year registered 100·78— a record fall since 1891.

TABLE OF RAINFALL BY MONTHS :—

YEAR.	January to June.	July.	August.	September to December.	Total.
1904 ...	15·19	10·14	5·72	2·37	33·42
1905 ...	6·61	15·30	4·35	7·40	33·66
1906 ...	13·35	18·10	20·91	3·94	56·30
1907 ...	22·82	59·26	15·93	2·77	100·78
1908 ...	15·41	21·13	9·67	7·33	53·54
1909 ...	16·68	31·37	7·82	15·35	71·22

Rain fell on 100 days in all, as in the year preceding : on 23 days in June, 30 in July, 22 days in August, and 25 in September. The maximum monthly rainfall was 31·37, registered in July, and the 9th day of that month witnessed the heaviest fall of 4·07 for a single day in the year.

Effect on Infant Mortality.

1908 was a year of deficient rainfall and high summer temperature. The effect of the increased rainfall and consequent cooler temperature that prevailed in the summer months of 1909 is found reflected in the infant mortality returns of the period; as the infantile diarrhœal death-rate in consequence fell from 42·17 in 1908 to 29·58 in 1909 per 1,000 of births registered.

The prevalence of climatic conditions during the several months of the year and the daily average birth and death rates are indicated in the Diagram prefixed to this Report.

Births and Birth-rate.

The number of births registered during the year was 19,839 excluding still-born ; a figure though less by 930 than that for 1906, and less by 327 than that for 1908, yet much higher than in any other antecedent year, and exceeding the last decennial average of registered births by 2,842 as already pointed out. The birth-rate works out to 20·28 per 1,000 of population, as against 20·62 of the year preceding. The number of male births was 10,020 against 9,819 of the other sex with an excess of 201 of the former against 548 in 1908.

Disturbing Factors.

If the figures for a series of years be examined, it will be found that the number of births registered is subject to some fluctuations, as a result of various factors we have to contend with, factors inseparable from the habits and modes of thought of the people, for whose ignorance and indifference, in general, administrative effort can as yet but imperfectly compensate. I have, however, supplemented the present peripatetic process of finding out new births and placed greater facilities within the reach of the people for the discharge of their statutory obligation to intimate births to this Department : since January 1910 residence in respective working sections for Sub-Registrars and Birth registering Karkoons is compulsory. They will be provided with a notice board, giving the name and description of working sections in English and Vernaculars, to be placed at the entrance to their houses, so that people may more easily be able to find the places and persons where and to whom new births should be reported.

Increased facilities to people.

Nor can we lose sight of other influences at work which also account for such variations, namely, changes in the marriage rate, in the women of conceptive ages in the population, and the custom prevalent in Bombay for prospective mothers to leave the City and to return with an infant a few months old.

Corrected number of Births.

Adapting the Registrar General of England and Wales' system of computing the birth-rate, I remarked in my Annual Report for 1908 on the variations engendered by all the factors set out above and the important corrections furnished by them.

As I observed, though the crude birth-rate, i. e., the proportion of births registered to the total population of all ages may suffice for comparing the birth statistics from year to year, and, in conjunction with the death-rate, for gauging the natural increase in a population, it is not adapted for comparison over a long series of years, as it takes no account of the effect of the changing constitution of a population in regard to age, sex, condition or marriage. It is desirable therefore to make a comparison of birth-rates based not only on the total population, but also on the number of possible mothers.

In regard to this City, then, besides the children born in Bombay and registered as such, we have also to take into account all those children who are born out of Bombay of mothers belonging to the City and brought to Bombay a few months after birth.

During 1909, 5,385 of such children under 1 year of age were vaccinated primarily, but a large number must have escaped vaccination either by death or postponement. We find that 27 per cent. of the births registered are not vaccinated (*Vide* Table 22): it would therefore be safe to assume that 27 per cent. of the unregistered children are not vaccinated for the same reason, viz., death or postponement.

Thus the infant population in the City during the year under report works out as follows:—

Births registered	19,839
Births Unregistered (of children under 1 year primarily vaccinated in Bombay)	5,385
Births unregistered and escaped vaccination (being 27 per cent.)	1,454
Total No. of births ...	26,678

Corrected Birth-rate.

giving the birth-rate of 27·28 per 1,000 of population, compared with 38·4, the birth-rate for the whole of India.

That this is not over-estimating the figure is borne out by the Table below, from which it will be seen that while in England the birth-rate per cent. of the females between 15—45 years of age is 10·6, and in Glasgow 10·7, it is 13·8 in Bombay; and that while the percentage of child-bearing women between the ages of 15-45 years to the total female population is 46 in England, it is 77 in Bombay; the percentage of married women between the ages of 15-20 is ·7 in England, it is 76·4 in Bombay.

Place.	Population by Census.	Proportion per cent. of women between 15-45 years to the total population of both sexes and all ages.	Proportion per cent. of married women in the female population between 15-45 years.	Proportion per cent. of married women between 15-45 in different age groups.				Persons married to 1,000 marriageable persons in the population.	Birth-rate calculated per 1,000 of population as all ages.	Birth-rate calculated per 1,000 of female population between 15-45 years.
				15-20	20-25	25-35	35-45			
England & Wales ...	35,348,780	25·0	46·8	·7	11·8	46·8	49·7	45·6	26·5	106·1
Glasgow	859,715	...	43·5	...	...	...	...	...	...	107·7
Bombay	977,822	22·6	77·0	76·4	85·9	80·9	58·5	73·8	20·28*	138·3

*(But 27·28 when calculated by adding children born out of Bombay of women belonging thereto.)

Birth-rate by Sections.

Subjoined is a statement of birth-rates for different Sections of the City for the year under notice, as also for the preceding triennium. It will be seen that Byculla has yielded the highest birth-rate in all these years, excepting 1907, when Mahim took the lead with 32·33; next come 1st Nagpada and Tarwadi with 29·68 and 28·65 against 24·28 and 30·21 in

1908; then follow Worli, Mahim, Sion, and Upper Colaba with 26·91, 25·78, and 25·69. The lowest birth-rate (3·54) is recorded, as in previous years, for Fort Southern where there has been steady fall since 1907: but this locality is purely a business one and not residential. Uninterrupted improvement is noticeable in Upper Colaba, Parel, Sewri and Worli during the four years covered by the annexed Table ; and since 1907 in Dongri, Fanaswadi, Mahalakshmi, Byculla and Sion.

The birth-rate has steadily decreased since 1906 in Fort Northern, Mandvi, Market, Khara Talao, Khetwadi and Mahim; since 1907 in Fort Southern, Esplanade, Bhuleshwar, Girgaum, 2nd Nagpada and Tardeo.

STATEMENT SHOWING THE BIRTH-RATE BY SECTIONS FOR THE YEARS 1906, 1907, 1908 and 1909.

Ward.	Sections.	1906	1907	1908	1909
A	Upper Colaba	19·60	23·84	23·84	25·69
	Middle and Lower Colaba	20·64	16·85	16·26	18·75
	Fort Southern	9·63	10·14	5·07	3·54
	Fort Northern	22·48	21·61	19·73	18·24
	Esplanade	14·97	19·24	14·52	13·89
B	Mandvi	18·34	15·19	13·70	11·58
	Chukla	22·54	22·75	17·94	19·37
	Umarkhadi	24·75	18·28	17·59	19·13
	Dongri	21·52	20·69	21·27	21·55
C	Market	11·27	10·56	10·81	10·16
	Dhobi Talao	19·18	19·26	18·52	19·23
	Fanaswadi	13·47	12·34	14·50	15·21
	Bhuleshwar	14·94	14·97	13·37	13·90
	Khara Talao	25·65	24·20	20·90	19·85
	Kumbharwada	17·44	16·68	18·14	17·99
D	Khetwadi	21·05	19·65	18·16	16·08
	Girgaum	15·74	16·55	15·57	14·72
	Chowpati	18·18	15·42	14·50	15·72
	Walkeshwar	11·74	14·74	11·98	13·48
	Mahalakshmi	19·71	18·62	19·14	19 71
E	Mazagaon	26·72	25·13	30·31	24·42
	Tarwadi	27·97	27·01	30·21	28·65
	Second Nagpada	23·93	25·48	25·25	23·02
	Kamatipura	23·95	23·73	25·57	22·39
	Tardeo	25·60	26·31	26·03	23·58
	Byculla	35·14	26·56	33·41	33·75
	First Nagpada	22·48	28·48	24·28	29·68
F	Parel	19·76	20·37	21·18	21·74
	Sewri	19·26	20·01	22·52	24·77
	Sion	22·54	21·35	24·61	25·36
G	Mahim	34·09	32·33	27·10	25·78
	Worli	19·51	20·76	26·43	26·91
	Harbour, Docks, Railways and Homeless	·03	·21	·06	·06
	Total	21·24	19·97	20·62	20·28

Birth-rate by Months.

1,766 births were registered during January 1909, against 1,870 in the same month of the preceding year : the number then declined with fluctuations, till it fell in June to 1,392, the minimum in the year, against 1,399 the minimum for 1908 in May. From July, however, there was an uninterrupted rise in the number of births returned, and the figure rose from 1,495 in that month to 1,619 in September, 1,908 in October, and 2,050 in December. 5,929 births were registered in the last quarter, being the highest for the corresponding period of previous years, 1907 excepted. As usual, the lowest number was returned in the second quarter of the year, being 4,343, against 4,418 in 1908 and 4,173 in 1907.

Birth-rate by Races.

The birth-rate for the entire population (20·28), though slightly higher than in 1907, was lower than in 1906 (21·24) or 1908 (20·62). It would appear from the annexed statement that the decrease came chiefly from Mussalmans, and the birth-rate among them

alone of all Indian Communities is found to be steadily declining : it has fallen from 24·74 in 1906 to 23·45 in 1907, 23·02 in 1908 and to 22·87 in the year under notice. A similar decline is noticeable during the triennium among Europeans, as the birth-rate in the Community which was 12·66 in 1906 has dropped from 14·95 in 1907 to 14·12 in 1908 and to 13·35 in 1909. The Jews, as in preceding years, show the highest rate with an added increase in the year under review (40·43). Next to them come Native Christians with a steady increase from 22·40 in 1907 to 28·12 in 1909. Among Eurasians there have been considerable fluctuations : the rate, which rose from 20·71 in 1906 to 28·63 in 1907, fell to 19·17 in 1908, and went up to 21·47 in 1909. Similar is the case of Parsees, among whom the birth-rate in 1909 (26·05) though higher than in the preceding year (25·39) was lower than in 1907 (27·30) or even 1906 (26·68).

NUMBER OF BIRTHS AND BIRTH-RATES BY CASTES IN 1907, 1908 AND 1909.

Race or Caste.	1907.		1908.		1909.	
	Number of Births.	Annual rate per 1,000 of population.	Number of Births.	Annual rate per 1,000 of population.	Number of Births.	Annual rate per 1,000 of population.
Hindus. Jains	398	18·45	212	19·50	340	18·90
Hindus. Brahmins	353		352		448	
Hindus. Lingaits	24		18		7	
Hindus. Bhatias	149		146		255	
Hindus. Hindus of Other Castes	9,280		9,715		9,341	
Hindus. Hindus, Low Caste	2,826		3,334		2,957	
Mussalmans	3,957	23·45	3,884	23·02	3,858	22·87
Parsees	1,333	27·30	1,240	25·39	1,272	26·05
Jews	200	37·26	196	36·51	217	40·43
Native Christians	677	22·40	778	25·74	850	28·12
Eurasians	112	28·63	75	19·17	84	21·47
Europeans	215	14·95	203	14·12	192	13·35
Negro Africans	...	...	...	...	5	...
Buddhists	4	14·08	6	21·12	6	21·12
Other and unknown Castes	7	875·00	7	875·00	7	875·00
Total...	19,535	19·97	20,166	20·62	19,839	20·28

Total Mortality and Death-rate.

The number of deaths registered from all causes during the year was 34,878 giving the death-rate of 35·66 per 1,000 of persons living, against 38,271 with the death-rate of 39·13 in 1908. There were thus 3,393 deaths fewer than in the previous year and 9,176 less than the average of the preceding five years.

Never before since the appearance of Plague in the City has there been recorded such a low total mortality, the contribution of Plague to which was also the lowest on record, being 5,197 against 5,361 in 1908. A factor in swelling the annual mortality in the City was the frequent importations of cases of Cholera from outside, chiefly Nasik, reviving the infection from time to time, with the result that the disease is found to have occasioned 727 deaths during the year under report, being 632 more than in the previous year. The figure, however, represents the gross mortality from the disease and therefore includes 231 deaths among persons newly arrived in the City and not belonging thereto.

Deaths among new arrivals.

A similar allowance has to be made in the case of Plague also, as 76 new arrivals from the mofussil died of it, the total number of deaths from all causes among such persons being 754.

Corrected total mortality and Death-rate.

With the consequent necessary correction, the mortality of the City is reduced to 34,124 giving the ratio of 34·89 per 1,000 of population.

The general mortality and that from Plague during the several weeks of 1908 and 1909 are graphically represented and compared in a Diagram prefixed to this Report.

Mortality by Sex and age-group.

Of the total number of deaths recorded during the year (34,878), 19,855 were among males and 15,023 of females against 21,645 and 16,626 in 1908, giving the death-rates of 32·39 and 41·18 to the sex population, against 35·31 and 45·57 in the preceding year.

It is found from the Table below, that, in all age-groups but those of 1-5 and 5-10 years there is, as usual, a preponderance of male deaths over female, but in the two groups mentioned the predominance is reversed.

The highest percentage of deaths is found among children under 1 year: 23·02 against 23·71 in 1908. The next highest rate was registered under the age-group of 20-30 years; 18·14 against 16·92 and 18·78 in 1908 and 1907 respectively. The age-group of 5-10 years recorded the lowest death-rate—3·46 against 3·67 in 1908.

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1909.

Age-Periods.	Total Mortality.	Percentage.	Males.	Females.
Under 1 year	8,030	23·02	4,224	3,806
1 Year and under 5 years	2,972	8·52	1,430	1,542
5 Years and under 10 years	1,208	3·46	560	648
10 Years and under 15 years	1,573	4·51	844	729
15 Years and under 20 years	2,833	8·12	1,596	1,237
20 Years and under 30 years	6,328	18·14	3,871	2,457
30 Years and under 40 years	4,050	11·61	2,670	1,380
40 Years and under 50 years	2,664	7·63	1,751	913
50 Years and under 60 years	2,334	6·69	1,449	885
60 Years and upwards	2,874	8·24	1,449	1,425
Unspecified ages	12	·03	11	1
Total...	34,878	100·00	19,855	15,023
Rate per 1,000 of Sex population ...			32·39	41·18

Infant Mortality.

Inquiries into the causes of deaths of children under 12 months and the mortality from Puerperal Diseases were continued during the year under review.

Free Municipal Nurses and Midwives and their work.

Subjoined is Table A summarising these inquiries and the work of the ten Municipal Nurses and Midwives attached to the ten Registration Districts of the City; the corresponding figures for 1908 are inserted to furnish a comparative view.

It will be noticed that 68 per cent. of the total number of births were verified by the Nurses against 63 per cent. last year, and that the percentage of confinements wholly unattended has dropped from 31 to 18; a slight rise is also visible in the percentage of those attended by Municipal Midwives, though the general rate of confinements attended by qualified Midwives (including Municipal) has declined from 13·6 to 11·3. Considerable rise is, however, visible in the number of cofinements attended by unskilled women—from 43·1 in 1908 to 58·3 in 1909. In this connection it has to be observed that much depends upon the class of Nurses and the methods which they employ in offering assistance to women in their own homes, and that women are naturally shy of accepting help from strangers until they realise the advantages of skilled assistance.

Municipal Nurses and Midwives during their rounds give homely talks on personal and domestic hygiene, and the care and upbringing of infants and the conditions that imperil infant life. It may therefore be hoped that, in course of time, the poorer people will get familiarised with these visitations and learn to look upon the Nurses and Midwives with confidence and agree to utilise their skilled services which at present they hesitate to accept.

Referring to the Table again, we shall notice that Hospital births are almost at the same level; and that there is a cheerful fall in the number of infants dying within 30 days of their birth—from 15·2 in 1908 to 12·3 in the year under notice.

Table A shows the work done by the Nurses and the result of their enquiries into the conditions of newly born children in 1908 and 1909.

TABLE A.

Summary of inquiries and work of Municipal Nurses and Midwives.	1909.	1908.
Total number of births registered	19,839	20,166
No. verified by the Nurses	13,677	12,797
Percentage of the No. verified to the total	68·9	63·4
Do. still-born to the No. verified	9·8	10·9
Do. confinements unattended	18·0	31·0
Do. confinements attended by unskilled women	58·3	43·1
Do. confinements attended by Qualified Nurses (including Municipal) ...	11·3	13·6
Do. confinements attended by Municipal Nurses	4·5	4·0
Do. children born in Hospital	12·3	12·1
Do. children born in healthy condition...	67·8	53·5
Do. children fed on breast	64·9	67·8
Do. children dying within 30 days	12·3	15·2
Do. cases where the mother left home for work	31·3	29·9

Infant Deaths from Principal causes.

In the Tables that follow the percentages of deaths under various diseases are calculated on the total number of deaths under one year of age.

Table B shows the deaths among Infants from principal causes under three age-groups—1 to 30 days, 1 to 6 months and 7 to 12 months. A survey of the comparative figures for 1908 and 1909 will show that, in the year under notice, the total infant mortality was less by 1,047, and that from every cause there were fewer deaths—excepting the Diseases of the Nervous System—the increase here being only slight (63). Excluding Small-pox and Measles, which were epidemic in 1908 and thus show 102 and 211 more deaths respectively, we find that deaths from Malaria dwindled nearly to half, from other fevers diminished by 25, from Diarrhœa and Dysentery by 152, from Debility by 246, from Respiratory Diseases by 326, and that there were 28 fewer deaths due to immaturity at birth. The number of deaths from Puerperal fever were almost the same as in 1908 (363 against 360); while those from the Diseases of the Generative System in females following parturition were 119 against 130 in 1908.

TABLE B :—DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES.

AGE PERIOD.	Year.	Small-pox.	Measles.	Malaria.	Ague and Remittent Fever.	Diarrhœa and Dysentery.	Premature Birth.	Debility.	Nervous System.	Respiratory System.	All Causes.	Percentage of deaths in each age-period to total deaths under 1 year of age.
1 to 30 days	1909	6	...	...	33	59	150	2,302	301	62	2,970	36·98
	1908	10	2	1	21	52	179	2,445	257	64	3,078	33·90
1 to 6 months	1909	58	8	4	70	190	1	264	315	907	2,458	30·60
	1908	88	47	7	82	254	...	335	814	1,062	2,807	30·92
7 to 12 months	1909	70	19	7	78	362	...	60	350	1,262	2,602	32·40
	1908	138	189	13	103	457	...	92	332	1,434	3,192	35·16
Total	1909	134	27	11	181	611	151	2,626	1,466	2,231	8,030	...
	1908	236	238	21	206	763	179	2,872	1,403	2,557	9,077	...

Percentages of Infantile Deaths from Principal Causes.

Proceeding to a detailed examination of the statement with the aid of Table C, we find that (i) out of 19,839 children registered during the year, 2,970 died before completing the age of 30 days: for the majority of these (2,302 or 77·50), the cause of death given was Debility i.e., want of vitality, premature birth, wilful or ignorant neglect and the methods adopted by the women attending the labour; (ii) 2,458 of the children registered during the year died before attaining the age of six months: the cause of death being 7·72 Diarrhœa, 10·74 Debility and 33·15 Diseases of the Nervous System (Convulsions) and 36·89 Respiratory Diseases; (iii) 2,602 of the children registered died before reaching the age of 12 months, the cause of death being nearly 14 per cent. Diarrhœa, 13 per cent. Nervous Diseases (Convulsions) and over 48 per cent. Respiratory Diseases.

In the second and third groups, the highest mortality is due to Respiratory Diseases; the next most fatal cause is Diseases of the Nervous System; then follow Debility and Diarrhœa: all of which signify exposure and defective feeding.

TABLE C :—PERCENTAGES OF INFANTILE DEATHS FROM PRINCIPAL CAUSES.

	Small-pox.	Measles.	Malaria.	Ague and Remittent Fever.	Diarrhœa and Dysentery.	Premature Birth.	Debility.	Nervous System.	Respiratory System.	All Causes.	Glasgow (1908.) All Causes.
1 to 30 days	·20	...	...	1·11	1·98	5·05	77·50	10·13	2·08	36·98	30·73
1 to 6 months	2·35	·32	·16	2·84	7·72	·04	10·74	33·15	36·89	30·60	35·03
7 to 12 months	2·69	·73	·26	2·99	13·91	...	2·30	13·45	48·50	32·40	34·18
Total...	1·66	·33	·13	2·25	7·60	1·88	32·70	18·25	27·78	...	...

In the Tables that follow, the Infant Mortality has been calculated per 1,000 of births registered : of these the 1st denotes such mortality in 1908 and 1909 according to the different Sections of the City.

Infantile Deaths by Sections.

The ratio of deaths among children under 1 year was, as will be noticed, 404·75 per 1,000 of registered births against 450·1 in 1908; and for every Section there is a large reduction below the infant mortality of the previous year, excepting Market and Khara Talao, Girgaum and Mazagaon, 2nd Nagpada and Kamatipura. Of these, the largest excess over last year was at Kamathipura (558·13 against 514·4). They are also among Sections that generally record the highest ratio, and this for obvious reasons, being largely inhabited by the poorer and ignorant classes living amid insanitary surroundings and in ill-lighted and ill-ventilated houses. As to Girgaum, its high rate of infant mortality is explained by a reference to the Table of Infant Deaths according to Castes, wherein the ratios recorded against Brahmins and Hindus of Other Castes and Low Caste are found to be among the highest—654,409·8 and 421·7 respectively.

The Sections that return a higher rate than the total (404·75) are, in the order of magnitude, Bhuleshwar (624·52), Market (551·53), Kamatipura (558·13), Khara Talao (536·44), Girgaum (522·67), Tarwadi (516·60), Fort Southern (500), 2nd Nagpada (485·20), Kumbharwada (484·74), Dongri (473·01), Umerkhadi (448·34), Middle & Lower Colaba (432).

STATEMENT BY SECTION OF THE RATIO OF DEATHS AMONG CHILDREN UNDER ONE YEAR PER 1,000 OF BIRTHS IN 1909 & 1908.

Ward.	Sections.	1909.	1908.	Ward.	Sections.	1909.	1908.
A	Upper Colaba	154·6	277·7	E	Mazagaon	391·2	365·3
	Middle and Lower Colaba.	432·0	449·7		Tarwadi	516·6	516·3
	Fort Southern	500·0	300·0		2nd Nagpada	485·2	474·8
	Fort Northern	320·0	410·2		Kamatipura	558·1	514·4
	Esplanade	323·3	868·7		Tardeo	400·0	407·3
B	Mandvi	306·3	680·6		Byculla	276·8	340·1
	Chukla	379·6	447·8		1st Nagpada	343·4	432·0
	Umarkhadi.	448·3	581·1				
	Dongri	473·0	598·5	F	Parel	379·0	446·2
C	Market	551·5	513·0		Sewri	386·3	508·3
	Dhobi Talao	386·3	395·3		Sion	354·0	436·7
	Fanaswadi	388·7	431·6	G	Mahim	317·1	308·8
	Bhuleshwar	624·5	633·3		Worli	336·3	400·4
	Khara Talao	536·4	513·3		Harbour, Docks, Railways and Homeless	...	500·0
	Kumbharwada	484·7	539·4				
D	Khetwadi...	400·0	414·7		Total ...	404·7	450·1
	Girgaum	522·6	503·3				
	Chowpati...	312·1	370·3				
	Walkeshwar	233·9	368·4				
	Mahalakshmi	329·2	353·8				

Turning to the Table of Deaths among Infants according to castes, and ignoring the races that are numerically negligible portions of the population, we notice that, compared with the preceding year, marked improvement is visible among all Communities except Lingaits (whose infant mortality rate has risen from 2,444 to 3,857), and Eurasians and Europeans for whom the rates have risen from 413 and 201·9 to 416 and 265·6 respectively. Jews return the lowest rate (184·3) and Parsees the next lowest (188·6). Infantile Deaths by Caste.

The highest rate is recorded among Lingaits (3,857), and the next among Jains (744·1). The Hindu Low Caste rate has improved from 469·4 to 421·7 and the Mussalman from 461·4 to 403·5.

DEATHS AMONGST CHILDREN UNDER 1 YEAR BY RACES IN 1908 AND 1909.

RACE OR CASTE.	1908.			1909.		
	Deaths under 1 year.	Number of births registered.	Infant mortality per 1,000 of births in the Caste.	Deaths under 1 year.	Number of births registered.	Infant mortality per 1,000 of births in the Caste.
Jains	240	212	1,132·0	253	340	744·1
Brahmins...	252	352	715·9	293	448	654·0
Lingaits	44	18	2,444·4	27	7	3,857·1
Bhatias	72	146	493·1	55	255	215·6
Hindus of Other Castes... ...	4,309	9,715	443·5	3,828	9,341	409·8
Hindus, Low Caste	1,565	3,334	469·4	1,247	2,957	421·7
Mussalmans	1,791	3,881	461·4	1,557	3,858	403·5
Parsees	286	1,240	230·6	240	1,272	188·6
Jews	44	196	224·4	40	217	184·3
Native Christians	393	778	505·1	374	850	440·0
Eurasians...	31	75	413·3	35	84	416·6
Europeans	41	203	201·9	51	192	265·6
Negro Africans	3	3	1,000·0	8	5	1,600·0
Buddhists	...	6	...	2	6	333·3
Other and unknown Castes ...	6	7	857·1	20	7	2,857·1
Total ...	9,077	20,166	450·1	8,030	19,839	404·7

In the Table that follows the monthly fluctuations in deaths among children under 1 year are indicated. It will be seen that the last three columns, giving monthly mortality from the three most fatal causes, are added on to the statement by way of a side-light on the monthly variations and extent of infant mortality. Though Small-pox prevailed with considerable severity during the year, it was not so fatal to infants and therefore cannot help much to explain the figures. In January there were 14 deaths due to this cause, 17 in February, 20 in March and May, 23 in April, and 14 in December, and 26 during all the intervening months together. Monthly Variations of Infantile Deaths.

TABLE OF DEATHS AMONG CHILDREN UNDER 1 YEAR BY SEX AND MONTH DURING 1909.

MONTHS.	Males.	Females.	Total, all causes.	Total, Debility.	Total, Nervous Diseases.	Total, Respiratory Diseases.
January	354	310	664	260	105	175
February	329	334	663	214	115	201
March	383	385	768	216	138	226
April	377	334	711	204	123	206
May	365	328	693	160	128	227
June	289	282	571	171	112	179
July	387	301	688	242	114	194
August	365	324	689	221	129	199
September	351	325	676	278	124	137
October	360	314	674	226	136	179
November	334	277	611	200	114	173
December	330	292	622	234	128	135
Total...	4,224	3,806	8,030	2,626	1,466	2,231

In my previous reports, while dealing with the subject of Infant Mortality in this City, I have urged that the number of infants under the age of 12 months dying during the year, as calculated only on the number of births registered, is incorrect, for the reason that many of the infants that died had not been registered as born. Corrected Infant Mortality.

In order, therefore, to arrive at a correct estimate, the Infant Mortality should be calculated on the corrected number of births which, in 1909, works out, as above, to 26,678, giving an Infant Mortality of 300 per 1,000 of the births, compared with 228·3 for the whole of India—which although very high is not an unreasonable difference for a large City, and approximates more to the truth than when calculated only on the number of births registered during the year.

Remedies for reduction of Infant Mortality.

But the number of deaths at these ages compared to the number born is still appalling, and, in my Annual Report for 1908, I suggested some practical remedies, which I repeat, for the reduction of Infant Mortality, of mortality in women during puerperal state and the improvement of the health and physique of the child:—(i) the provision of Lying-in-Hospitals for the Poor and free medical attendance, and provision of a Nurse before and after child-birth: so that the mother may get good food, nursing and skilled attendance and thus be enabled to provide breast milk to support the child; (ii) the education of native Midwives at the Hospital and the registration and licensing of these women; (iii) the introduction of a section of the Act so as to prevent an uncertificated and unlicensed woman from attending on a confinement; (iv) the provision of Municipal Milk Depôts where women could obtain pure milk at a small cost.

And as I observed, these remedies are all in force in most European and American cities where the state acknowledges its duty towards the people.

Proposed Free Lying-in Hospital.

By way of a practical beginning, I may here mention the inception of a scheme to provide a Free Lying-in Hospital for the Poor, consisting of 100 beds and affording accommodation for different castes with arrangements to teach nursing to native midwives to be supplied free to the poor. The Hospital is estimated to cost about Rs. 1,50,000 to build and equip and Rs. 30,000 per annum to maintain.

I am assured of considerable support if the required land could be found—which has been applied for—and hope it will be possible to accelerate the progress of the scheme which, when carried out, will be a lasting benefit to the City.

Mortality in Hospitals.

Annexed is a comparative statement for 1908 and 1909 giving the number of deaths, arranged according to Diseases, in the various Hospitals of the City; as also the ratio to the total mortality during these years.

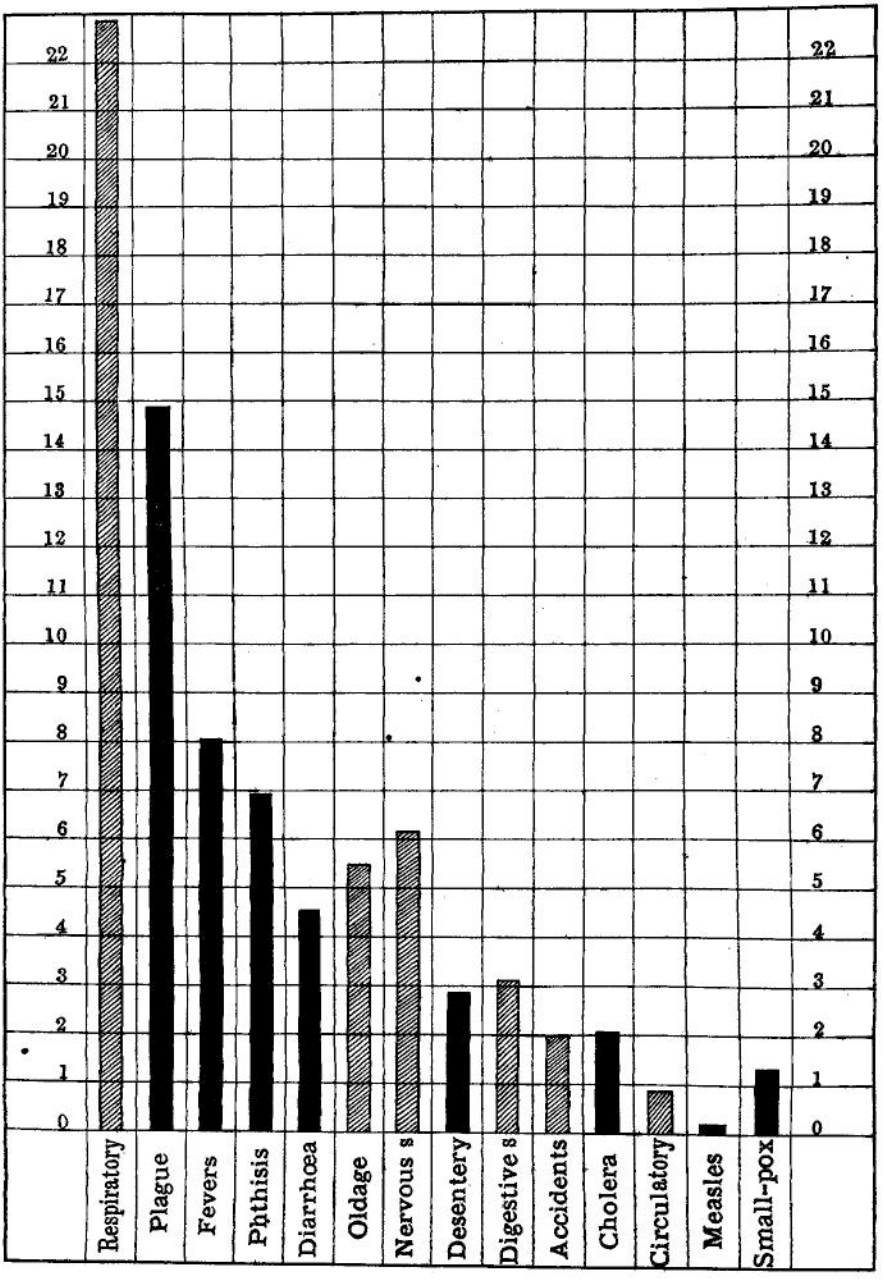
The number of Hospital deaths was 3,484 in the year under notice, against 3,548 in 1908 and 3,508 in 1907: so that the percentage of institutional deaths to the total mortality is found to have risen from 9·06 in 1907 to 9·27 in 1908 and to 9·98 in 1909.

HOSPITAL DEATHS AS COMPARED WITH DEATHS IN THE CITY IN 1908 AND 1909.

DISEASES.	1908		1909.	
	Hospital deaths.	Total mortality.	Hospital deaths.	Total mortality.
Still-born	313	1,918	250	1,806
Small-pox	268	1,026	115	473
Measles	5	653	2	75
Plague	491	5,361	548	5,197
Fevers	293	3,403	287	3,800
Cholera	13	95	85	727
Diarrhœa and Dysentery	390	3,184	362	2,585
Puerperal Septicæmia	16	360	14	363
Leprosy	64	89	78	95
Premature Birth	97	179	93	151
Other General Diseases	593	7,644	502	7,146
Nervous System	105	2,083	108	2,143
Circulatory System	69	330	50	294
Phthisis	201	2,387	235	2,415
Other Diseases of the Respiratory System...	362	8,954	415	7,974
Digestive System	162	1,099	215	1,088
Urinary System	65	254	79	294
Generative System	31	152	35	143
Other Local Diseases...	53	168	58	170
Injuries	270	808	203	698
Unspecified Causes	.....	42	.....	47
Total (Except Still-born.) ...	3,548	38,271	3,484	34,878
Percentage to the total mortality ...	9·27		9·98	

DIAGRAM

SHOWING PERCENTAGES OF DEATHS FROM PRINCIPAL CAUSES TO TOTAL MORTALITY IN 1909.



OTHER DISEASES

INFECTIOUS

SHRI KARUNESH PRINTING PRESS, GIRGAON BOMBAY.

Principal Death-causes and their contribution to total Mortality.

Since 1906, Diseases of the Respiratory System have figured even more than Plague in the death-roll of the City. In 1909 they contributed 7,974 deaths against 8,954 in the year preceding and 9,022 in 1907, the respective death-rates being 8·15, 9·15 and 9·22; next in order is Plague with 5,197 deaths giving the rate of 5·31 against 5·48 in 1908 and 6·53 in 1907. Then follow, as in the preceding year, Fevers, Phthisis, Diseases of the Nervous System and Diarrhœa in the descending order of mortality, with respective death-rates of 2·86, 2·46, 2·19 and 1·62. Compared with 1908, a slight rise is noticeable in Phthisical death-rate, and has been contributed by Hindus, Mussalmans and Jews, the respective figures for 1909 standing at 2·13, 4·70 and 2·23, against 2·09, 4·54 and 1·30 in 1908. Distinct improvement is, however, noticeable in this respect among Parsees, Native Christians, Eurasians and Europeans, the death-rates among them having declined from 1·08, 2·31, 1·53 and ·41 in 1908 to ·69, 2·15, 1·01 and ·06 in the year under review.

In case of Diarrhœal mortality there has been a marked fall since 1906; there were 1,592 deaths in 1909 being 947 less than the average for the previous three years and 415 fewer than in the antecedent year.

To Nervous Diseases 2,143 deaths were due, being 133 more than the triennial average and 60 more than in 1908.

The other diseases in the statement have been remarked upon already. As to Accidents, there has been no sensible variation in the mortality from suicidal, drowning and poisoning, the number of deaths registered being 74 during 1907 and 1908 and 79 in 1909.

Vide Diagram of Percentages of Deaths from Principal Causes to Total Mortality.

TABLE OF DEATHS AND THE DEATH-RATE FROM SOME OF THE PRINCIPAL CAUSES OF DEATH IN 1908 AND 1909.

CAUSES OF DEATH.	1908.		1909.	
	Number of deaths registered.	Rate of mortality per 1,000 of population.	Number of deaths registered.	Rate of mortality per 1,000 of population.
Small-pox	1,026	1·04	473	·48
Measles	653	·66	75	·07
Fevers (including Scarlet, Enteric, Malaria, Ague, Remittent and Relapsing)...	3,403	3·48	2,800	2·86
Cholera	95	·09	727	·74
Plague	5,361	5·48	5,197	5·31
Phthisis	2,387	2·44	2,415	2·46
Diseases of the Nervous System	2,083	2·13	2,143	2·19
Do. Respiratory System	8,954	9·15	7,974	8·15
Diarrhœa	2,007	2·05	1,592	1·62
Dysentery	1,177	1·20	993	1·01
Accidents	808	·82	698	·71
All other causes (except Still-born)	10,317	10·55	9,791	10·01
Total...	38,271	39·13	34,878	35·66

Mortality from Zymotic Diseases.

It may be noted as one of the satisfactory features of the condition of Public Health during the year, that the mortality from the principal Zymotic diseases, which has been steadily falling since 1905, was further reduced in 1909 by 457 deaths below that in the previous year, notwithstanding the large excess of 632 deaths from Cholera over those from the same cause in 1908.

Compared with the average of the preceding three years (14,508), there has been a saving of 3,872 lives, noticeable chiefly in case of Plague and Relapsing Fever, mortality from which dwindled respectively from 10,823 and 744 in 1906 to 5,197 and 93 in 1909; also in respect of Enteric fever, Whooping Cough, Dysentery and Puerperal Septicæmia, the deaths from these causes having fallen respectively from 134, 25, 1,514 and 532 in 1906 to 92, 7, 993 and 363 in 1909. In all these cases the decline has been a steady one from year to year, except that Dysentery showed a slight rise in 1908 and Puerperal Septicæmia still slighter in 1909.

In the year under notice there was no death from Diphtheria and only 1 from Influenza.

The Zymotic death-rate has fallen from 14·84, the average for the preceding triennium, to 10·77 in the year under review. It was 20·69 in 1906.

Vide Diagram for a comparison of mortality from Zymotic and other causes in 1909 with the average of such mortality during the preceding decennium.

TABLE OF DEATHS FROM PRINCIPAL ZYMOTIC DISEASES FROM 1906 TO 1909.

NAME OF THE DISEASE.	Number of deaths registered.			
	1906.	1907.	1908.	1909.
Small-pox	276	86	1,026	473
Measles	936	107	653	75
Plague	10,823	6,389	5,361	5,197
Enteric Fever	134	116	111	92
Malarial Fever	190	149	331	293
Ague and Remittent Fever	3,814	2,951	2,706	2,322
Relapsing Fever	744	417	255	93
Influenza	6	1	...	1
Whooping Cough	25	13	15	7
Diphtheria	3	...	3	...
Cholera	1,241	439	95	727
Dysentery	1,514	1,141	1,177	993
Puerperal Septicœmia	532	384	360	363
Total...	20,238	12,193	11,093	10,636
Death-rate per 1,000 of Population ...	20·69	12·46	11·34	10·77

Mortality by Races.

Considering the mortality of the year according to the different races inhabiting the City, we find from the following Table that the highest general death-rate (49·51) was registered as usual among Mussalmans; this is however a considerable improvement on previous years, for the rate has fallen from 59·67 in 1906 to 51·66 in 1907 and from 54·63 in 1908 to 49·51 in 1909.

It has in this connection to be remembered that the Mahomedan Pilgrims passing through the City, twice a year, in many thousands on their way to and back from Mecca, import Small-pox and die in considerable numbers from this disease during their sojourn in Bombay, or from others brought on by wretchedness or privation: hardships and discomforts of protracted travel or insanitary surroundings and ways of life contribute appreciably to raise the death-rate every year.

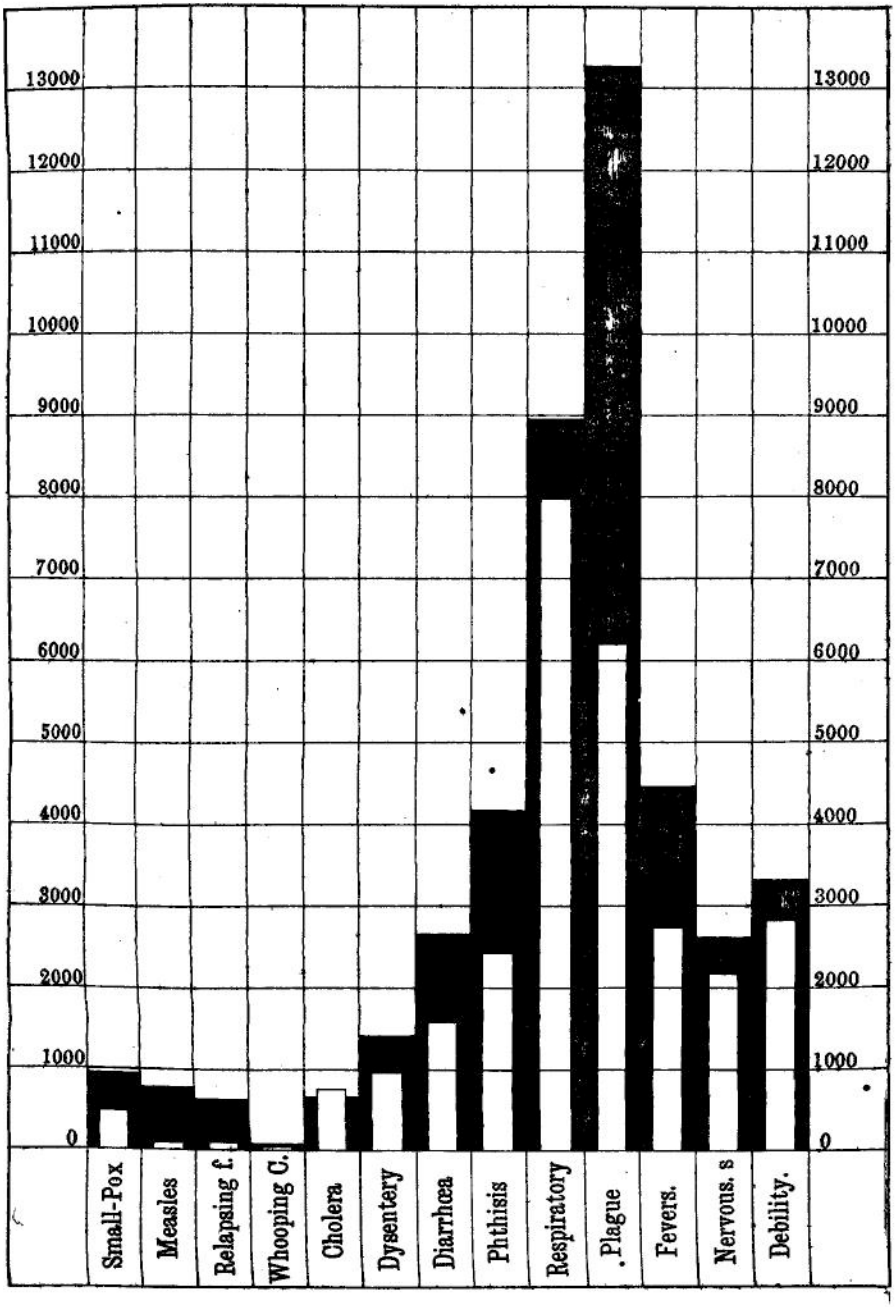
Referring to Table 30, appended at the end, we find that this Community of all others pays the heaviest toll to Phthisis and other Respiratory Diseases, the death-rates being 4·70 and 12·25 against 4·54 and 13·38 in 1908: the reason is to be found in the great density of population in the principal Mahomedan localities which abound in ill-lighted and ill-ventilated houses; and in the *purdah* system, or the practice of seclusion, which deprives their women of the protective benefit of open air, as witness the female deaths in the Community from Phthisis which number 514—being nearly double the male deaths (276).

Next to Mussalmans come the Native Christians with the general death-rate of 46·84, showing a fall below that of 1908 (48·10), but far exceeding that for 1907 (42·41). The high mortality among this Community is to be explained by the exceptional virulence of Small-pox among them, as they are not vaccinated in infancy, as is evidenced by their registering the highest death-rate for that disease (2·11); from Plague the mortality was (5·63) next to that among Hindus who suffered most (5·69). They reveal also the highest death-rate in respect of Fevers (5·45), Cholera (1·25)—excepting Buddhists who are but a handful—and Diarrhœa (4·33) and a very high one from Respiratory Diseases (6·68).

The Jews, who number only 5,367, show the next highest general death-rate (35·96) and appear to have suffered more from Respiratory Diseases (7·45) than from any other. In 1907 and 1908 the Jewish death-rate was 34·84 and 31·11 but 42·10 in 1906.

Among Hindus the death-rate has been steadily falling: from 55·37 in 1906 to 38·01 in 1907 and 36·42 and 33·04 in the succeeding years. They have, however, contributed more than any other Community to the mortality from Plague (5·69) and excepting Mussalmans (12·25) also to that from Respiratory Diseases (7·71).

DIAGRAM: Number of deaths from the Zymotic and other death causes in **1909** compared with the corresponding average of the last 10 years.



Average 1899—1908 ■

Deaths 1909 □

Parsees recorded the lowest death-rate, Europeans excepted: they have also been showing satisfactory improvement from year to year, as the figure has fallen from 30·53 in 1906 to 24·78 in the year under review, with a slight rise in 1908. The Phthisical death-rate among them has fallen to ·69 and that from other Respiratory Diseases to 3·27 from 1·08 and 4·42 respectively in 1908.

The philanthropy of wealthy men in the Community has made possible large schemes of organised relief in the shape of well-equipped Hospitals and Sanatoria in Bombay and other places, and these have alleviated suffering and reduced mortality.

The lowest communal death-rate was among Europeans and this has shown decided improvement: it was 16·55 in 1906; it is 14·81 in 1909 and appears to have been largely made up of mortality from fevers (2·21) and from Respiratory Diseases (1·95).

These improvements in communal death-rates evidence a higher standard of living and a more rigid observance of sanitary and hygienic principles.

TABLE SHOWING BY CASTES THE NUMBER OF DEATHS AND THE DEATH-RATES FROM ALL CAUSES IN 1907, 1908 AND 1909.

RACE OR CASTE.	1907.		1908.		1909.	
	Number of deaths.	Rate of mortality per 1,000 of population.	Number of deaths.	Rate of mortality per 1,000 of population.	Number of deaths.	Rate of mortality per 1,000 of population.
Hindus... (Jains ... ... Brahmins ... ... Lingaits ... ... Bhatias ... ... Hindus of Other Castes Hindus, Low Caste ...)	26,847	38·01	25,725	36·42	23,332	33·04
Mussalmans (including Negro-Africans	8,714	51·66	9,216	54·63	8,352	49·51
Parsees	1,309	26·81	1,328	27·19	1,210	24·78
Jews	187	34·84	167	31·11	193	35·96
Native Christians...	1,282	42·41	1,454	48·10	1,416	46·84
Eurasians	107	27·38	135	34·51	127	32·47
Europeans	220	15·30	233	16·20	213	14·81
Buddhists	11	38·73	3	10·56	14	49·29
Other and unknown Castes ...	10	.....	10	.....	21	.....
Total...	38,687	39·56	38,271	39·13	34,878	35·66

The monthly fluctuations in the mortality of the City during the year are indicated in the subjoined statement, from an examination of which it will be found that, as usual, mortality was highest during March (4,461) and April (4,613) when Plague was at the zenith, that it declined to 2,143 in June and rose again during the next two months to 2,613, then fell to 2,368 in October only to resume an upward course.

Mortality by months.

In considering the top-mortality of March and April, note must be taken, next to Plague, of Small-pox and Cholera, largely and continually imported from outside, the former by the returning Hajis and the latter by the dispersed Pilgrims from the Nasik Fair passing through this City; nor can Bronchitis and Pneumonia be overlooked, as these were months of highest mortality from each of them; 408 and 215 deaths having been registered from the former and 382 and 271 from the latter.

The upward course from July and the sudden excess in August of 320 deaths over those of the preceding month, in spite of greatly diminished mortality from Plague, are also to be explained by the excessive mortality from Cholera due to increased influx of Pilgrims from Nasik and Pandharpur—both widely disseminating centres of infection. Cholera was worst in August and caused 194 deaths in that month, 92 in July and 87 in September, the total for the quarter being 373.

The increase in the number of deaths during November and December—with Plague at the vanishing point—is to be accounted for by the increased fatality from the Diseases of the Respiratory System with the setting in of the cold season.

The highest number of deaths in any single month in the year was 4,613 and registered in April and fell short of the maximum number of monthly deaths in 1908 (4,907 in April) by 294: the lowest number was 2,143 registered in June and was less by 315 than the monthly minimum for the preceding year (2,458 in November).

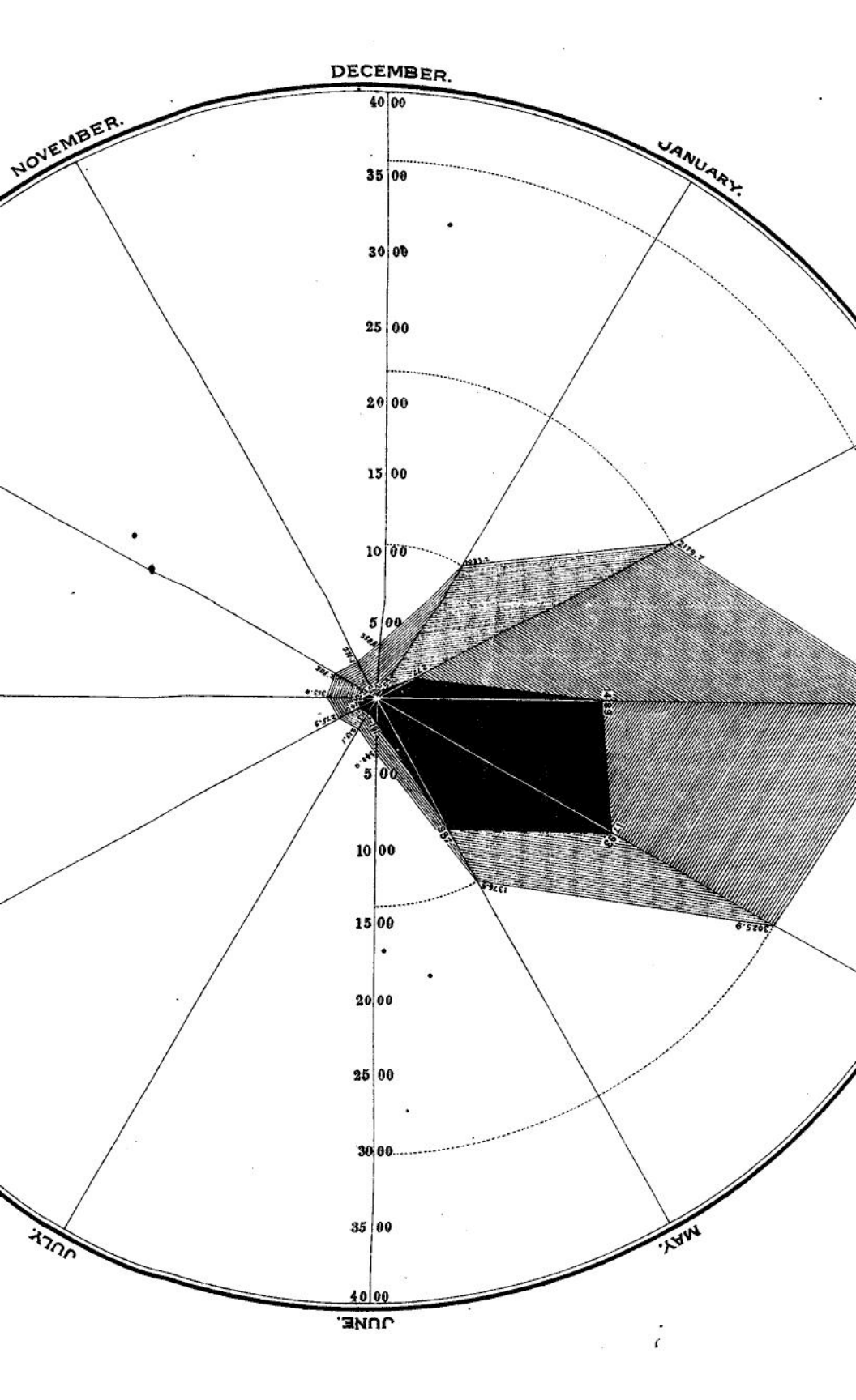
TABLE OF DEATHS FROM ALL CAUSES (EXCLUSIVE OF STILL-BORN) BY MONTHS IN 1908 AND 1909.

MONTHS.	Number of deaths in 1908.	Number of deaths in 1909.
January	3,044	2,701
February	3,502	2,910
March	4,878	4,461
April	4,907	4,613
May	3,751	3,384
June	2,619	2,143
July	2,542	2,293
August	2,574	2,613
September	2,515	2,500
October	2,750	2,368
November	2,458	2,417
December	2,731	2,475
Total ...	38,271	34,878

Mortality by Sections.

The general death-rate for the entire City is 35·66: it was 39·13 for 1908. Compared with last year, there has been a marked fall in the death-rates of the various Sections, except in the case of Middle and Lower Colaba, Fort South, 1st Nagpada and Mahim which respectively recorded the rates of 36·25, 18·75, 55·17 and 34·73 against 30·24, 17·24, 46·77 and 31·97 in 1908.

The average rate of the City for the past five years is 49·10, and the Sections with a higher rate for 1909 (*vide* Diagram attached) are: (1) Esplanade with the maximum rate of 61·64; this is largely a business quarter and contains the Colaba Station, St. George's and Cama Hospitals; (2) Tarwadi (with 53·69) which contains the Sir J. J., Bai Motlabai and D. M. Petit, Maratha and St. Joseph's Foundling Hospitals; (3) 2nd Nagpada (with 50·28) with the Police Hospital; (4) 1st Nagpada (with 55·17) which has been largely rebuilt owing to the operations of the Improvement Trust.


DECEMBER.
JANUARY.
NOVEMBER.
MAY.
JULY.
JUNE.
40 00
35 00
30 00
25 00
20 00
15 00
10 00
5 00

DATE.	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.	Attacks.	Deaths.	Total mortality.
1	1	...	76	3	3	105	30	31	122	73	67	139	69	60	137	11	12	32	1	1	66	5	4	77	5	4	62	1	2	78	1	...	88	2	1	85
2	1	1	95	6	6	89	35	21	111	60	51	128	59	59	143	13	9	87	6	4	75	6	5	80	4	4	80	3	3	76	1	1	82	...	...	75
3	1	1	106	6	6	107	33	26	117	59	52	146	55	48	141	12	11	77	7	4	70	3	5	82	1	1	93	4	3	81	1	...	85	...	2	86
4	2	3	106	3	2	111	36	28	135	53	52	141	61	50	139	9	8	81	3	5	71	2	2	87	8	8	96	2	2	80	1	...	78	4	2	88
5	3	1	86	7	8	97	24	26	128	53	51	142	65	60	156	9	9	79	2	2	68	2	3	76	2	3	95	1	1	96	4	5	74	1	...	81
6	...	...	80	2	2	84	34	31	118	65	55	164	48	54	134	12	7	74	4	4	61	5	5	91	5	4	98	..	...	72	...	...	73	...	...	88
7	2	3	93	3	3	100	30	33	118	59	52	157	40	37	133	8	5	74	1	3	69	7	6	79	2	2	78	4	3	96	1	1	77	1	1	85
8	1	1	93	...	1	90	22	24	112	61	43	138	35	28	95	5	7	73	1	1	57	7	4	69	1	2	87	...	1	83	1	...	70	1	1	93
9	2	3	86	8	7	111	43	31	111	49	56	161	47	46	139	4	4	66	4	5	48	2	5	91	2	2	70	2	1	76	1	2	75	...	...	97
10	...	..	78	6	3	103	37	29	114	49	42	153	45	47	127	7	7	63	3	3	71	3	2	59	4	2	89	2	1	73	...	...	92	2	1	97
11	1	...	81	7	7	94	24	37	133	56	51	146	40	38	111	5	3	60	5	3	86	7	6	84	1	...	80	1	2	72	...	...	75	2	2	74
12	2	2	65	7	6	105	65	47	180	63	59	185	40	30	109	3	1	68	5	4	73	7	7	81	...	1	88	1	2	76	1	1	60	2	2	72
13	4	4	92	7	5	90	60	45	146	70	67	149	35	35	125	8	12	83	3	2	71	5	4	99	...	1	91	5	2	89	2	2	72	1	2	73
14	1	1	104	7	5	100	33	38	134	61	53	152	33	30	91	10	8	71	4	3	61	4	6	93	1	1	86	5	4	103	1	1	64	...	...	80
15	7	4	75	7	6	106	42	33	127	59	53	153	42	33	122	2	2	72	4	4	64	6	5	93	3	1	78	2	...	61	...	...	65	...	...	63
16	1	1	97	13	13	104	65	51	143	57	51	137	39	22	105	4	1	71	3	5	88	1	1	87	3	3	94	...	2	77	1	1	90	...	1	68
17	3	2	77	16	11	110	54	50	148	76	62	147	29	30	89	2	2	77	1	2	85	5	6	90	2	1	73	1	2	82	...	...	90	...	...	75
18	2	2	61	19	15	105	61	51	138	63	45	151	25	19	96	3	3	61	4	3	63	11	9	95	2	1	78	3	3	73	1	1	88	...	...	83
19	4	3	75	14	10	108	61	50	142	53	57	151	29	27	94	3	4	79	3	3	85	3	3	80	2	3	77	1	1	68	1	1	75	3	3	89
20	2	...	72	17	9	84	69	64	162	65	58	153	13	14	85	9	9	85	6	5	82	3	3	83	2	2	85	5	4	76	1	1	81	1	1	77
21	2	3	72	17	13	99	62	61	160	76	64	148	29	21	85	5	5	64	1	1	76	6	5	105	3	4	93	..	...	74	1	1	74	1	1	66
22	3	3	88	17	14	119	81	80	174	89	77	166	19	19	70	4	2	67	4	4	86	2	4	81	5	5	86	2	1	78	1	...	77	...	...	71
23	2	2	83	26	23	111	93	78	167	89	78	177	27	25	110	2	1	57	1	1	77	5	4	76	2	2	75	2	1	67	...	...	74	3	3	80
24	2	...	93	19	17	110	81	63	175	91	81	173	13	13	87	8	6	68	3	3	81	5	5	62	5	6	81	1	2	68	2	1	91	1	1	77
25	3	2	89	12	18	101	77	62	172	73	72	161	22	17	13	8	6	62	3	1	74	4	4	71	1	...	67	1	1	67	2	2	84	1	...	82
26	8	5	103	30	28	122	86	84	156	57	66	147	29	22	89	...	2	51	2	2	79	5	5	106	2	3	80	1	1	74	1	1	97	...	...	63
27	2	3	72	25	20	128	69	65	157	86	69	159	25	26	92	8	5	65	5	11	96	6	3	67	7	6	93	1	1	84	...	1	75	1	1	72
28	2	3	86	21	16	117	75	72	176	76	72	163	22	22	82	2	2	90	20	12	85	13	8	73	2	2	73	...	...	65	2	1	103	...	...	83
29	5	2	111	...	..	...	70	63	155	79	65	143	11	12	100	7	5	66	1	2	81	4	5	99	1	1	81	...	...	62	1	1	10	...	...	105
30	8	8	107	...	...	...	68	55	161	78	72	162	18	17	101	3	3	70	12	6	82	1	4	96	5	3	90	1	1	60	...	...	98	...	...	19
31	2	2	99	...	...	...	83	75	169	...	...	...	13	13	84	...	..	...	4	4	70	3	2	81	...	..	...	...	...	181	...	...	...	...	..	78
Total	79	65	2,701	335	277	2,910	1,712	1,489	4,461	2,010	1,793	4,613	1,077	987	2,581	186	161	2,143	126	113	2,293	148	140	2,613	83	75	2,500	52	47	2,368	29	25	2,417	27	25	2,75

Attacks.	Deaths.	Total mortality.
5,864	5,197	94,878

Mortality by Place of birth.

Out of the total number of 34,878 deaths in the City, 35·8 per cent. or 12,501 were of persons born within it, 61·3 per cent. or 21,407 were among those born outside it and 1·9 per cent or 970 were of persons whose birthplace could not be ascertained (*vide* statement annexed); the corresponding figures for 1908 were 38·7 per cent. or 14,811, 59·3 per cent. or 22,696 and 1·9 per cent. or 764, the total mortality for that year being 38,271.

TABLE SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES EXCLUSIVE OF STILL-BORN ACCORDING TO PLACE OF BIRTH IN 1909.

MONTHS.	Deaths amongst persons born in Bombay.	Deaths amongst persons born elsewhere.	Deaths amongst persons whose birth place is unknown.	Total (Excluding still-born).
January	1,042	1,580	79	2,701
February	1,265	1,552	93	2,910
March	1,309	3,027	125	4,461
April	1,387	3,112	114	4,613
May	1,122	2,188	74	3,384
June	858	1,227	58	2,143
July	975	1,246	72	2,293
August	917	1,620	76	2,613
September	941	1,495	64	2,500
October	931	1,371	66	2,368
November	817	1,523	77	2,417
December	937	1,466	72	2,475
Total...	12,501	21,407	970	34,878

Plague Mortality.

The most encouraging feature of the year's statistics is the reduction of Plague Mortality to the lowest figure on record: 5,197 deaths, giving the death-rate of 5·31 against 5,361 with the death-rate of 5·48 in 1908.

There were 5,864 seizures against 6,134 in the preceding year—the lowest recorded.

It will however be found from the statement of Plague Attacks and Deaths in the different years, that, in spite of the steady shrinkage of Plague as a cause of death from year to year there has not been a concurrent abatement in the virulence of the disease, as evidenced by the case-mortality which, with annual fluctuations, stood for 1909 at 88·62 per cent.—next only to that for 1901 (89·19) and 1903 (89·05) which were most fatal years in the history of the disease, recording respectively 18,736 and 20,788 deaths.

TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE REGISTERED SINCE 1896.

YEAR.	Number of Plague Attacks.	Number of Plague Deaths.	Death-rate from Plague per 1,000 of population.	Percentage of Deaths to Attacks.
1896	2,544	1,936	2·36	76·10
1897	13,314	11,003	13·39	82·64
1898	22,130	18,185	22·12	82·17
1899	19,451	15,796	19·22	81·20
1900	17,913	13,285	16·16	74·16
1901	21,006	18,736	24·14	89·19
1902	16,423	13,820	17·80	84·15
1903	23,344	20,788	26·78	89·05
1904	15,488	13,538	17·44	87·40
1905	16,308	14,198	18·29	87·06
1906	12,323	10,823	11·06	87·82
1907	7,353	6,389	6·53	86·88
1908	6,134	5,361	5·48	87·39
1909	5,864	5,197	5·31	88·62

Plague by Races

Taking Plague by Races, we find that Hindus of all castes together contributed 4,024 deaths out of the total 5,197, against 4,212 out of 5,361 in 1908. 863 were among Mussalmans and 171 among Native Christians against 878 and 156 in the previous year: the small balance of 139 sums up the Plague deaths among all the other Communities, Europeans contributing 5, Eurasians 6, Parsees 110 and Jews 13 against 2, 9, 99 and 3 in the previous year.

Hindus were thus the greatest sufferers as usual and registered the death-rate of 5·69 against 5·96 in 1908: next were Native Christians yielding the rate of 5·63 against 5·16, then Mussalmans with 5·14 against 5·21 in the preceding year. The European death-rate was the lowest (·34) though higher than last year (·13). Eurasians recorded the next lower rate, 1·53 against 2·30 in 1908. Among Parsees 2·25 was the death-rate against 2·02 in the previous year.

Plague by Sex and age.

3,583 deaths were registered from Plague among males and 1,614 among females against 3,647 and 1,714 in 1908; the ratio per 1,000 of sex population being 5·84 in males and 4·42 in females against 5·94 and 4·69 in the year preceding.

The proportion of female to male deaths was 45 per cent; it was 46·9 in 1908.

Considering the different age-groups we notice that the highest number of deaths, both male and female, were in the age-group of 20-25 years, being 693 and 247 respectively.

4,515 of the total Plague deaths occurred among population 10 to 50 years old; the balance of 682 deaths among those comprising the other groups.

Plague by Sections.

The death-rate from Plague for the entire City was 5·31 per 1,000 of population against 5·48 in 1908 and 6·53 in 1907.

The Sections of the City that showed a higher rate are enumerated below with their respective quinquennial average rates and those for 1908 added, in order that the improvement that has been achieved in respect of most of these areas may be seen at a glance.

	1909.	1908.	Quinquennial average (1904-1908).
Middle & Lower Colaba	7·05	3·54	13·12
Mandvi	5·52	6·18	14·94
Chakla	6·64	6·19	11·17
Umarkhadi	6·50	5·80	9·62
Dhobi Talao	6·58	8·71	10·57
Fanaswadi	6·53	8·24	15·98
Bhuleshwar	6·53	9·83	13·05
Khara Talao	7·12	7·23	11·05
Kumbharwada	5·49	6·19	12·87
Mazagaon	7·48	8·32	15·69
Byculla	6·75	6·09	11·89
1st Nagpada	6·59	5·09	2·24
Sewri	9·00	6·56	13·14
Mahim	6·83	3·07	6·57
Worli	5·94	5·31	11·79

Middle and Lower Colaba, Umarkhadi, Byculla, 1st Nagpada, Sewri, Mahim and Worli exhibit a higher rate than last year. 1st Nagpada and Mahim alone of all the Sections of the City show a higher incidence (6·59 and 6·83) than their average rates for the preceding five years (2·24 and 6·57).

Plague by Months.

To the end of January the incidence of Plague was low, and only 79 attacks and 65 deaths were registered; but rapidly increased and recorded 335 attacks and 277 deaths in February, so that the daily average for the two months was 7 attacks and 5 deaths against 9 attacks and 7 deaths in the preceding year.

Plague was most severe in the month of April, as in the previous year, and registered 2,010 seizures and 1,793 deaths against 2,064 seizures and 1,817 deaths in 1908.

The mortality fell from 987 in May to 161 in June, a decline more rapid than the rise; to 113 in July, then rose to 140 in August and fell steadily to 75 in September, 47 in October and 25 in November and December; for the same months in 1908 it stood at 953, 294, 135, 143, 107, 62, 28 and 26 respectively.

Thus we see that for all months except March and May the number of Plague deaths was less than in the previous year.

The highest number of seizures on one day was 93 and returned on 23rd March; the maximum number of deaths on a single day being 81 registered on 24th April.

A Diagram is attached, as in previous years, indicating the monthly Plague deaths in 1909 contrasted with the average of the same for the preceding ten years.

Comparative Statement of Plague Deaths by months during 1908 and 1909.

MONTHS.	1908.	1909.
January ...	80	65
February...	351	277
March ...	1,455	1,489
April ...	1,817	1,793
May ...	953	987
June ...	204	161
July ...	135	113
August ...	143	140
September ...	107	75
October ...	62	47
November ...	28	25
December ...	26	25
TOTAL ...	5,361	5,197

Small-pox.

It is a gratifying feature of the year under review that though Small-pox was very prevalent during the period, and was imported as usual by the returning Pilgrims from Mecca, and by others from the Mofussil, the disease did not attain the epidemic stage as it did in 1908.

Importation by Hajis.

The Pilgrims returning from Jeddah, where as in many another City in Arabia, Small-pox always prevails, are the earliest transgressors in this respect and the efforts made by Government in recognition of this fact, to prevent the introduction of the disease by the Hajis, consisted in a letter (No 2397 of 8-5-1909, General Department), which they addressed to the President of the Huj Committee emphasising the extreme desirability of the Pilgrims being vaccinated and revaccinated before leaving India for Mecca, and asking the assistance of the Committee in securing the protection of the Pilgrims by tendering friendly advice which might lead to a large percentage of vaccinations and thus save much suffering and loss of life.

I understand that all vessels arriving from Jeddah and found infected are actively treated at Perim. Many cases, however, occur during the voyage and arrive in Bombay; those suffering from the disease however are, I am informed, isolated on board and removed to Hospital on landing—their clothing and other belongings being disinfected, and the contacts kept under observation. Vaccination is also offered to the Hajis, and only a few consent to the operation. But for every case that meets the eye there are several that escape notice, for there are many incubating the disease on arrival, and subsequently develope and disseminate it among those with whom they come in contact on land.

In view of the regularly recurring importations of the disease and the havoc it works in the City, I have urged in the past that persons going to places where Small-pox is endemic should be vaccinated and those coming in from such places should be made to submit to vaccination and revaccination, that those persons arriving by sea and in contact with Small-pox on board a ship should not be allowed to land without vaccination and that, by an amendment of the Municipal Act, revaccination between the ages of 8 and 11 should be made compulsory. The neglect of these sanitary measures is a danger to the health of the City.

Until these measures suggested in the light of experience are carried out, the way is paved for the periodic importation of the disease, and all the strenuous efforts this Department puts forth to combat and control the spread of infection are bound to lose much of their value and yield very unequal results. I feel it all the more necessary to urge the above recommendations, as Small-pox is the most obviously preventable of all diseases and has been found possible in European Cities to be almost eliminated as a cause of death by the adoption of these and kindred sanitary measures.

The Pilgrim Problem.

Apart from the positive introduction of the disease, there is another aspect of the Pilgrim Problem, which, with equal insistence, calls for adequate measures. The Hajis pour into the City, in the commencing and closing quarters of the year, in many thousands, and though housing and other arrangements are indeed made for them by the Haj Committee in different Musafarkhanas and other places which are disinfected, limewashed, and otherwise kept in a state of readiness to receive them on their arrival, yet thousands remain unaccommodated and are compelled to seek shelter on the verandahs of little shops and houses, and even in the streets, where they cook their food, eat and go to rest. Thus, during their sojourn in the City, many live and die under most miserable conditions and their

exceedingly large numbers render impossible any suitable housing and sanitary arrangements being made for them. Their regularly recurring presence is a grave potential danger to Public Health and, in the interests of both the Pilgrims themselves and the inhabitants of Bombay, I would suggest the provision of suitable camps outside the City where they could be properly housed and cared for pending their departure.

Small-pox is characterized by seasonal prevalence and is worst in the first quarter of the year, because largely fed by continual importations and the spread is favoured by the cold; it is less severe in the 2nd quarter and least so in the 3rd and 4th.

Small-pox Mortality.

940 attacks and 473 deaths were registered in the year against 1,857 attacks and 1,026 deaths in 1908, the corresponding figures being 211 and 86 for 1907 and 511 and 276 for 1906. Of the seizures 75 were imported—52 by returning Hajis and 23 from other places. The seizures and deaths though very much fewer than in 1908, (seizures 1,859; deaths 1,026) and 1905 (seizures 3,202; deaths 2,161), during which years Small-pox raged with epidemic severity, are yet sufficiently numerous to indicate a high prevalence and mortality.

Small-pox by months.

In 1909 Small-pox began with one indigenous case on the New Year's day; its rise was at first slow until accelerated by large importations. Till the 27th of January 63 cases were recorded; on the day following were returned 8 seizures among Hajis alone, with 2 others; the remaining days of the month added 27 to the list, out of whom 6 more were Pilgrims from Mecca. To the end of January there were 100 seizures and 40 deaths.

With the beginning of February there was a rapid increase in the prevalence and fatality of the disease, which registered in the month the maximum of 191 attacks, including 44 among the Mahomedan Pilgrims that arrived up to the 9th February. The most fatal month, however, was March as there were 91 deaths in spite of diminished prevalence (171 attacks). April and May recorded 136 and 109 attacks and 78 and 70 deaths respectively. During these months Pilgrims from Mecca imported 3 cases and the mofussil 17. Small-pox then steadily declined until the attacks and deaths dwindled to the minimum of 5 in September. With October it began to rise again and the attacks and deaths steadily increased to 76 and 36 in December. The last imported cases in the year were 2 reported in May.

Small-pox by Sections.

As in 1908 the highest number of Small-pox deaths took place in Worli (62), but the highest death-rate per 1,000 of population (1·01) was registered in case of Dhobi Talao (37 deaths), that for Worli being the next to it (·89). Then comes Umarkhadi with 45 deaths (·83); then follow Kumbharwada with 27 (.82), Parel (·51) and Mazagaon (·77) with 24 deaths apiece: Girgaon with 20 (·70), Fanaswadi 19 (·64). As in 1908 there was no Small-pox in Walkeshwar or Upper Colaba.

Small-pox by age and Sex.

Of the total number (473) of Small-pox deaths, nearly half (222) were caused among those 1-5 years old. The disease was most fatal to infants and occasioned 134 deaths among them, being 28·3 per cent. of the total figure; and in the age-group of 1-2 years 48 deaths were registered. Persons between 15-25 years contributed 115 deaths, the death-rate working out to 24·3 per cent.

Distributing the deaths according to sex, there were 270 among males and 203 among females.

Vaccination.

Vaccination is now a routine duty of this Department and operations are performed all the year round. During the 1st and towards the end of the last quarter of the year, when Small-pox is generally imported and begins to spread, strenuous efforts are made to search out unvaccinated children and adults and remedy the omission, and also to revaccinate as many as possible. The ten Registrars make house-to-house visits in infected localities and elsewhere and induce and carry out vaccination and revaccination.

The transfer of the Presidency Vaccine Establishment to the Municipality, as a Branch of this Department, from 1st March 1909, has greatly strengthened our hands in the work of vaccination.

Vaccine Operations.

From the annexed statement of monthly vaccine operations performed during the year, it will be seen that while 18,457 primary vaccinations were carried out (being 762 less than in 1908), the revaccinations numbered 10,779 showing an increase of 5,967 operations over the preceding year.

9,066 males and 9,391 females were primarily vaccinated; the sex distribution in case of revaccinations is 9,175 males and 1,604 females. Of these 3,591 primary and 1,185 revaccinations were performed at the instance of the several Registrars.

Abstract of Monthly Returns of Vaccination from the Superintendent of Vaccination, for the year 1909.

| MONTHS. | PRIMARY VACCINATION. | | |

The history of Cholera in the City is, like that of Small-pox, a history of continual importations from outside. For 1909 it practically commenced with the issue of Government Resolution (General Department No. 7459, dated 17-12-1908) directing the District Magistrate of Nasik and the authorities of different Railways to do all in their power to prevent cholera-stricken people from proceeding on their journey to Bombay by rail. These orders were issued at the request of the Municipal Commissioner, in apprising whom of the numerous importations of the disease from Nasik I added (No. 22416 of 14-12-1908):—"On certain Hindu holidays the rush of pilgrims is very great at Nasik and there is every probability of infectious diseases being imported into this City by pilgrims who pass through it on their way to Nasik and back. I would therefore request the favour of your asking Government whether precautions cannot be taken to prevent sick persons, or those in contact with infected persons, leaving Nasik. The next holiday which would attract very large number of pilgrims is "Makar Sankrant" which falls on or about the 13th January. Should these cases continue to be brought into Bombay I fear we should have an epidemic here". This Resolution was followed by another (No. 48 of 6-1-1909) prohibiting further pilgrimage and asking District Authorities to dissuade the public from visiting Nasik by means of public notices posted at Railway stations and other places. Cholera.

The result of these precautions and orders was almost immediate, for the importations diminished towards the end of December 1908 and we had thereafter only a few fresh cases arriving into the City from outside: 3 in January, 8 in February and 2 in March, Nasik having introduced no case to the end of March. But the situation changed with the next month, as Cholera became epidemic at Nasik from 1st April; and on the 7th idem I had to report to the Municipal Commissioner that 30 cases of Cholera had been imported into the City between the 4th and 7th of April, 23 of which had proved fatal, and request him to move Government to take immediate steps for preventing further importations; and Government were pleased to repeat their instructions (Resolution No. 1803 of 16-4-1909) to dissuade intending pilgrims from visiting Nasik.

The usual precautionary measures were adopted by the Health Department to protect the City from outside infection; Sub-Registrars and Hospital Assistants were posted at Victoria Terminus, Masjid, Dadar and Byculla Stations to inspect arrivals, remove the suffering to Hospital, to disinfect contacts and their clothing and the Railway carriages bringing such passengers; the contacts were kept under surveillance. The General Traffic Manager was also requested to arrange to render every assistance to our staff and to direct the Railway Police to help them.

To prevent or check the spread of the disease in the City, orders were issued to Deputy Health Officers and District Registrars to take special precautions in regard to carts and compounds, wells and watertaps, *nahanies* and bathing places, and to arrange to disinfect frequently gullies and receptacle chambers of privies and drains. Dharmashalas were daily visited and arrivals examined and kept under observation. At Nasik there was a special staff at the station, constantly at work, examining outgoing passengers and detaining the sick. In spite of all these measures, Nasik introduced cases from time to time, for many pilgrims who owing to their brief stay in that City showed no signs of Cholera and were not detained, being apparently healthy, must have been in the incubating stage when they arrived into this City.

In the month of April 158 cases of Cholera were imported into Bombay, 140 of these being from Nasik alone. On the whole, there were in the month 248 seizures and 199 deaths registered. A rapid subsidence followed in May and only 38 attacks and 27 deaths were registered; of these 16 cases were imported, including 1 from Nasik. June was a worse month and 77 attacks and 60 deaths were recorded from the disease, 42 of these cases being among new arrivals, including 35 among those from Nasik. This was due to the *Ashadhi* Fair at Nasik on the 29th of June which induced another rush of pilgrims. In July there were 60 attacks and 92 deaths, 8 cases having been imported from outside, 3 of these being from Nasik.

Matters came to a head in August (as in April), it being the last month of the great *Sinhasta* Fair. 14 cases having been introduced from Nasik in the week ending 10th August, I addressed the Municipal Commissioner again (No. 16836 of 10-8-1909) with a view to move Government to issue orders as in the past and Government Resolution No. 4264 of 13-8-1909 again prohibited Cholera-stricken people from proceeding on their journey to Bombay by rail. Yet we had in July 238 seizures of which 194 proved fatal, no less than 100 of these cases having been introduced from outside, Nasik contributing 88.

In September Cholera declined to 106 attacks and 87 deaths; 11 of the seizures being among new arrivals including 3 from Nasik.

The course of the disease during the remaining months of the year is soon traced: for now the *Sinhasta* Fair being over, Nasik ceased to import further infection and only 4 cases were returned in October among transients passing through the City. The total Cholera statistics were 19 attacks and 12 deaths in October, 27 attacks and 19 deaths in November and 9 attacks and 9 deaths in December.

Thus, in the whole year, there were 853 attacks and 727 deaths, of which 358 cases and 270 deaths were among new arrivals who introduced the disease from outside and acted as foci for the spread of infection with such serious results.

Cholera by Caste.

Of the 727 deaths from Cholera, 624 were registered among Hindus—being the Community of pilgrims to the unfortunate Fair; the balance of 103 deaths were distributed among other races, Mahomedans contributing 51.

Cholera by Sections.

Bhuleshwar recorded the highest number of deaths from Cholera, *viz.* 66; Kumbharwada and Byculla each 47, the next maximum; Market and Dhobi Talao 43 apiece; Worli 36; Umerkhadi and Girgaum 32 each; Parel and Mahim 29; Mandvi and Fanaswadi each 28; Fort North 26; Dongri and Mazagaon each 22. No Section of the City escaped infection with fatal results.

Fevers.

Fevers included under this general name are Scarlet, Enteric, Malarial, Ague and Remittent and Relapsing fevers. The total number of deaths under this collective head was 2,800, being 603 fewer than last year and 642 fewer than the preceding quinquennial average and 1,697 less than the decennial mean. Of the total number of deaths from fevers, 92 were caused by the Enteric type, being 19 less than in the year preceding and 3 less than the quinquennial mean. 293 deaths were due to Malarial Fever, being 38 less than in 1908 but 52 more than the average of the anteeedent five years. Ague and Remittent Fever occasioned 2,322 deaths, being 384 less than in the previous year and 453 less than the five-year average. 93 deaths were attributed to Relapsing Fever, being 162 less than in 1908 and 261 less than the mean of the past five years.

Subjoined is a statement showing the annual fluctuations of fever mortality during the ten preceding years, from which it will be seen that though fevers were, in the year under review, more fatal than in 1903 and 1904, yet they occasioned fewer deaths than in any other antecedent year.

Mortality from Fevers during 1899-1909:—

Years.	No. of deaths.
1899	5,063
1900	7,928
1901	7,921
1902	4,518
1903	2,333
1904	2,416
1905	2,878
1906	4,882
1907	3,633
1908	3,403
1909	2,800

Fever Mortality by Months.

The monthly variations in Fever mortality are indicated in the statement below. May recorded the highest number of deaths from this cause (284); February the next maximum (280), while June and July registered the lowest mortality (183 and 170).

Favouring Conditions.

The unusual atmospheric conditions of the City, the leakages from the Malabar Hill Reservoir feeding the marshy ravine on the western slope of the Hill, the leakages from the Bhandarwada Reservoir, the presence of damp, dark and over-crowded houses in the poorer quarters of the City, the existence of a considerable number of cess-pools and collection of subsoil water owing to the ill-drained condition of several localities, engender and propagate various types of fevers and are responsible for the high mortality from this cause.

Statement of deaths from Fevers during the different months of the year 1909.

Months.	No. of deaths.
January	233
February	280
March	268
April	236
May	281
June	183
July	170
August	228
September	227
October	240
November	239
December	215
Total.	2,800

Malaria.

An account of Malaria and anti-malarial work during the year under report properly begins with the deputation by Government, in January 1909, of Captain A. G. McKendrick, M.B., I.M.S., as an expert Malariologist, to investigate the causes of the severe outbreak in Bombay in 1908. Later on, a Committee representing the Municipality, Port and Improvement Trusts and the Railways was associated with him for assisting with their local knowledge and advising as to the measures which he may propose for adoption. Captain McKendrick having been re-called, Dr. Charles Bentley, M.B., D.P.H., was appointed towards the end of May. Since then this Department has furnished him with weekly reports (lately replaced by Monthly Reports) of the Malarial cases treated at the ten Municipal Charitable Dispensaries. Arrangements for the collection and examination of blood of patients were also made.

Expert deputed by Government.

Dr. Bentley submitted in July two Reports on his work, pointing out the "steps to be undertaken by the Municipality with a view to mitigating the disease during the present season and eventually attempting its complete control." To deal with the matter effectively, he said, it would be necessary to create a special permanent Department, working under the control of the Executive Health Officer and engaged all the year round in the sole work of mosquito-destruction which will have to be carried on indefinitely.

Dr. Bentley's Reports.

In the 2nd Report, dealing with the state of wells, private and public, within the area of Fort North, Dr. Bentley observed that enquiries pointed to Malaria having been present in that section for many years. He said that it was probable that among the many carriages of all kinds, which daily visit and sometimes remain for hours in that busy trading centre, a large proportion carried away the Malaria-bearing mosquitoes known as A. Stephensi from the locality and transmitted them to other parts of the City, thus setting up new centres of infection in places little affected before. He further stated that the distribution of dangerous types of Malaria has probably gone on for many years and been one of the primary causes of the increased prevalence of Malaria which culminated in the epidemic manifestation of the disease in 1908. There are many wells in other parts of the City at present free from Malaria-bearing mosquitoes, but which would sooner or later be infected if dangerous centres such as those in the North Fort were permitted to remain unchecked, and the whole City would be necessarily exposed to the danger of recrudescences of epidemic Malaria. Dr. Bentley therefore urged that a well which serves as a breeding place of mosquitoes should be declared *a dangerous nuisance*, and a house which contains a well in which anopheles mosquitoes are allowed to breed should be declared *unfit for habitation*.

Stringent Measures advocated.

Subject to a few details, there is nothing in Dr. Bentley's reports which is new or has not already been said by this Department in its various reports. He pointed out, however, in very strong terms the necessity for applying very stringent measures to prevent the wells in private houses becoming the chief cause of the propagation of Malarial mosquitoes.

Health Officer's Report.

The Corporation having appointed a Committee to consider the reports in consultation with the Commissioner and the Health Officer, I submitted my Report (No. 18322, dated 23rd August 1909) to the following effect :—

Health Department measures against Malaria.

The measures taken by this Department against the spread of Malaria have been (1) to examine wells in and out of houses, collect samples and apply pesterine wherever practicable, a weekly report of such wells with the result being submitted to the Executive Health Officer; (2) to pesterine during the break in the rains all storm water entrances, all gully traps and catchpits and collections of water on the roads, weekly reports being forwarded as above; (3) to detail a special officer in each Ward for systematic inspection of compounds and storage tanks over water closets and other tanks in houses, reports being submitted as above, if necessary daily; (4) to ascertain sickness index in the City inquiries are made by the Registrars in all Dispensaries and Hospitals, in schools and factories, at Railway Docks and other places where large numbers of people congregate. Samples of blood and varieties of mosquitoes and larvæ are daily examined in the Laboratory.

Need for a Special staff.

But to do this on a larger scale, it is necessary to organise a special staff of men specially selected and trained in the life-history and habits of various species of mosquitoes to be employed exclusively in anti-malarial work throughout the year—thus supplementing the work of the ordinary Sanitary staff of the Department.

The special staff should consist of 10 Sub-Inspectors at Rs. 40 p.m. each, 10 gangs of 5 men each at Rs. 11-1-13 p. m. (at a total cost of Rs. 12,000 a years, and work under the immediate supervision of one of the Assistants to the Health Officer acting under the orders of the Executive Health Officer.

Programme of work.

They will have to be empowered to visit places where water may be expected to accumulate and breed mosquitoes, to visit Mills, factories, stables, private houses containing wells, private stables and godowns, so that they may treat with pesterine or kerosine places which can be so dealt with; in other cases letters will have to be written to owners or occupiers calling upon them to cover up wells, cisterns, tanks, which are a danger, or

otherwise remedy the nuisance, and intimating that action will be taken if the requirements of this Department be not complied with—the notices being served by the Sub-Inspector of each gang through his immediate superior officer. Quinine should be freely supplied by employers of labour, by Municipal Dispensaries and Hospitals, and instructions in English and the Vernaculars freely circulated. These measures with the exception of a special staff and legal action have been taken for the past seven years. So far about investigation and temporary remedies.

Storm water Entrances and defective hydrants.

The work and expenses in connection with the work of getting rid of all collections of water in the Island of Bombay cannot be estimated. As to the closing up of all storm water entrances after the rains and the re-opening of them in June, the work will cost about Rs. 20,000 —as there are about 6,000 of them. The leaking and defective hydrants and the leakage from Malabar Hill and Bhandarwada Reservoirs and the cost in connection therewith need not be repeated here. To properly drain and fill in the undrained parts of the City, so that no lowlying land remains even after the rains—although absolutely necessary in any scheme for exterminating Malaria, will naturally require time and a large expenditure of money.

Low-lying lands.

The measures adopted, however, should be directed towards clearing away all possible mosquito breeding places so that a general improvement may result in the sanitary condition of the City. This suggestion emanated from this Department so far back as 1901, soon after the Mosquito-Malaria theory was accepted in 1900, and ever since, the Department has not only been advocating measures but also actively carrying them out.

The Human Factor.

Apart from breeding places of Mosquitoes, there are other and equally important factors: the presence of children and adults already suffering from latent Malaria and thus providing the focus of infection for others in their neighbourhood, and their treatment with quinine. The poorer people of Bombay have been for years exposed to Malarial conditions and are therefore more or less malarial subjects capable of spreading the disease. Thousands come to Bombay yearly from other malarial districts. And it should not be forgotten that Bombay has a very large and mixed population, (who cannot be expected to alter their customs and habits so as to use mosquito curtains and take quinine regularly and prevent accumulation of water in their gardens and houses), and cannot be compared with other places where measures are said to have been successful, where the population is very small, where the facilities for work are so much greater and where the people are willing and anxious to co-operate. To be successful in coping with the human factor, people must be instructed so that they can protect themselves.

The Corporation, having approved of my recommendations, sanctioned for a period of six months the special staff who began operations, on 1st October, on the lines stated above.

Anti malarial operations. & Methods.

Each Sub-Inspector pays recurring visits to all the premises within his jurisdiction and inspects wells, cisterns, tanks, masonry-built watering places, empty tins, casks, stagnant water, with a view to find out breeding places of mosquitoes. When larvæ are found such places as can be dealt with at once are posterined and samples of water containing mosquito larvæ are sent in carefully corked bottles to Dr. Bentley, the special Malaria Officer. If Anopheles larvæ are found, letters are addressed to the owners or occupiers asking them to fill in, clean or hermetically seal up the tanks and wells or otherwise remedy the nuisance. A week later, a second inspection is made to see if larvæ continue to exist and if our demands have been met; in case of default the Standing Committee are approached for permission to proceed against the party in a Court of Law under section 381 of the Municipal Act.

Malaria Cards.

Special cards of distinctive colours for the different Wards are filled in daily and kept in this office for reference, so that the mosquito-history of each house in the City may be known to this Department.

Specimen Malaria Card.

PUBLIC HEALTH DEPARTMENT, Bombay.

Malaria. A Ward.

_____Ward_____Section _____Street.

House No._____, Name of owner_____

Class of occupier_____

Type of closet_____

Position of cistern_____Larvæ present?

Position of well_____Larvæ present?

Date of 1st inspection._____

Date of notice._____

Date of 2nd inspection._____

Date of action._____

Result of action taken._____

Subsequent inspection and remarks.

The work accomplished with the aid of the special staff during the three months (1st October to 31st December 1909) covered by this Report may thus be tabularly indicated:—

1	Wells examined for Mosquito Larvae...	2,507
2	Cisterns „ „ „	3,107
3	Tanks „ „ „	144
4	Wells in which Larvæ were found	908
5	Cisterns „ „ „	255
6	Tanks „ „ „	40
7	Cases in which requisitions were addressed to parties	721
8	Cases of compliance	129
9	Cases in which sanction of the Standing Committee was sought for taking action (Section 381 of the Act)	111
10	Notices issued against parties	13
11	„ complied with	
12	Prosecutions undertaken	2

Concurrent work of the permanent Sanitary Staff.

The permanent Sanitary staff of the Department, however, continue to weekly inspect, for mosquito larvæ, the storm water entrances, gully traps, catch-pits in their respective Wards and treat them with pesterine as a culicide.

Opposition from the public.

Considerable opposition is met with from owners of wells and much difficulty experienced in getting them covered. Possibly some inconvenience arises from the measures which have to be adopted, but unfortunately this is the case in every measure necessary for the protection of Public Health. And if the owners of premises where mosquito breeding places are discovered would co-operate with us, an enormous amount of labour and correspondence would be saved and much benefit would accrue to the tenants and neighbours.

Mosquito cards.

With a view to educate the general public as to the cause, cure and prevention of Malaria, printed cards with descriptive pictures of mosquitoes and their life-history and habits, supplemented by hints for prevention, were sent to Mills and Public Offices, Schools and other institutions in the City for free distribution among the members.

Malaria Returns from Medical Practitioners.

To ascertain the extent and incidence of Malaria, circular letters were addressed to physicians in charge of Hospitals, to all Medical Practitioners in the City—excepting Physicians in consulting practice, Specialists not treating Fever cases and Hakims and Vaidyas and they were requested to furnish a monthly statement of Malarial cases coming under their notice,—the necessary printed forms being supplied for the purpose and called in at the end of each month by this Department.

For October 172 such returns were received, 161 from Medical Practitioners, 5 from Charitable Dispensaries and 6 from Hospitals. For November 128 lists were received, 118 from Practitioners, 5 from Charitable Dispensaries and 5 from Hospitals. For December 95 lists were received; of these 86 were from Medical Practitioners, 4 from Charitable Dispensaries and 5 from Hospitals.

Several Practitioners stated their inability to furnish figures as they do not keep a register of such cases. I would put on record the Department's sense of obligation to those who so cordially complied with the request.

The actual value of these returns cannot be assessed at present, as we do not know how many are old or fresh cases; but a continuance of these returns may enable the Malaria—incidence in the City to be gauged from time to time.

The Sanitary Association and Anti-Malarial work.

No account of the Anti-Malarial measures carried out in the City would be complete without a mention of the efforts which the Bombay Sanitary Association made, during the year, to disseminate, among the humbler classes, useful information on the causation and prevention of Malaria, by means of free distribution of leaflets printed in Vernaculars and the delivery of popular addresses in the poorer quarters of the City by Medical men who kindly lent their services. Six lectures were delivered, 5 in Marathi at Koliwadi, (Thakurdwar), Kamathipura, Colaba, Chameli Wadi and Colaba Village, and 1 in Hindusthani at Mustan Tank; these were largely attended and eagerly listened to.

The Department cannot set too high a value on the Association's co-operation, as the task to which they have been applying themselves, *viz.*, the creation of a sanitary and hygienic conscience among the poorer classes, is no light one.

Mortality from Malarial Fever.

The mortality from Malarial Fever was 293, being 38 less than last year, but 70 more than the average of the previous three years.

The highest number of deaths (41) occurred in Umerkhadi Section. Then follow in descending order Esplanade (31), Fort Northern (29), Dongri (23), Tarwadi (20), Market and Byculla (12 each), Khara Talao (14), Dhobi Talao (10); in Kumbharwada section alone no death was registered from Malaria, while in Fort Southern there was only 1 death from this cause and 2 in Chowpati, 2nd Nagpada, Sewri and Worli.

Measles. The number of deaths from Measles was 75 against 653 in 1908 and 509 the average of the previous five years.

Enteric Fever. 92 deaths were due to Enteric Fever, being 19 less than in the previous year and 3 less than the average of the last five years.

Relapsing Fever. To Relapsing Fever 93 deaths were ascribed, being 162 less than in the past year and 261 less than the average of the preceding 5 years.

Whooping Cough. Whooping Cough caused 7 deaths being 8 and 13 less than in 1908 and the average of the last five years respectively.

Diarrhœa. Diarrhœa is responsible for 1,592 deaths, being 415 less than in the preceding year and 785 less than the average of the previous 5 years.

Dysentery. Dysentery occasioned 993 deaths, being 184 less than in the last year and 155 less than the average of the last five years.

Puerperal Septicæmia. From Puerperal Septicæmia 363 deaths were registered, being 3 more than in 1908 but 37 less than the average of the previous 5 years.

Leprosy. 95 deaths were referred to Leprosy, being 6 more than in the last year but 13 less than the average of the past 5 years.

Cancer. To Cancer 49 deaths were ascribed, being 2 less than in the preceding year and 6 less than the average of the previous 5 years.

Premature Birth. The deaths amongst children born prematurely numbered 151, being 28 less than in 1908 but 2 more than the average of the past 5 years.

Debility and Old Age. 2,809 deaths from Debility and 1,905 from Old Age were registered, being 245 and 86 less respectively than in the past year and 540 and 16 less respectively than the average of the antecedent five years.

Diseases of the Nervous System. The deaths registered from the Diseases of the Nervous System numbered 2,143, being 60 more than in 1908 and 49 more than the average of the preceding five years.

Diseases of the Circulatory System. To the Diseases of the Circulatory System 294 deaths were ascribed, being 36 less than in the last year and 52 less than the average of the past five years.

Phthisis. From Phthisis 2,415 deaths were registered, being 28 more than in the previous year but 457 less than the average of the last five years.

Diseases of the Respiratory System. To the Diseases of the Respiratory System 7,974 deaths were due, being 980 less than in the previous year and 1,256 less than the average of the last five years.

Diseases of the Digestive System. To the Diseases of the Digestive System 1,088 deaths were attributed, being 11 less than in the last year and 85 less than the average of the past five years.

Diseases of the Lymphatic System. 24 deaths were ascribed to the Diseases of the Lymphatic System, being 2 more than in 1908 and 1 more than the average of the last five years.

Diseases of the Urinary System. To the Diseases of the Urinary System 294 deaths were due, being 40 more than in the previous year and 36 more than the average of the last five years.

Diseases of the Generative System. From the Diseases of the Generative System 143 deaths were registered, being 9 less than in the preceding year and 43 less than the average of the last five years.

Diseases of the Organs of Locomotion & Connective Tissue. The number of deaths due to the Diseases of the Organs of Locomotion and Connective Tissue was 126, being 6 more than last year but 1 less than the average of the past five years.

Accidents. From Accidents and Violence 698 deaths were registered, being 110 less than in 1908 and 10 less than the average of the previous five years. Of these 60 were due to Poisons, being 3 more than in the last year and 1 more than the average of the past five years; of these 36 were suicidal, 17 accidental, 4 from snakebite and in 3 cases the circumstances under which the poison was administered were not known: 114 deaths were due to Drowning, being 8 less than in the past year and 16 less than the average of the previous five years; of these 35 were suicidal, 36 accidental and in 43 cases the circumstances under which the deaths took place were not known.

Municipal Dispensaries.

The ten Municipal Dispensaries were open throughout the year for giving free medical relief to the poor people of the City and the results achieved were satisfactory. The actual number of new cases (individuals) treated at the Dispensaries was 77,019 (50,711 males and 26,308 females), making 4,06,685 the total number of attendances, giving a daily average attendance of 1,114. Out of this number 3,201 patients were seen at their houses.

The diseases treated at these Dispensaries were Fevers, Cholera, Small-pox, Measles, Plague, Diarrhœa, Dysentery, Rheumatism, Diseases of the Nervous, Circulatory, Respiratory, Digestive, Urinary and Generative Systems and other General and Local Diseases and Injuries.

In addition to the above, the actual number of new cases (individuals) treated at the Colaba and Victoria Bunder Charitable Dispensaries was 7,337 (5,185 males and 2,152 females), making 24,945 the total number of attendances, out of which 62 patients were seen at their houses. A small contribution for these Dispensaries is paid by the Municipality and they are under the direct control of the Registrar No. 1 District who visits them daily.

Notifications of Infectious Diseases.

The total number of notifications received from Medical Practitioners during the year was 2,084—1,473 for Plague and 611 for other Infectious Diseases—as compared with 1,605 during the previous year.

From Hakims and Vaidyas 98 notifications were received and the diseases reported in 97 cases were, on investigation by the medical men of this Department, found to be correct.

Certification of the Cause of Death.

During the year, 7,356 certificates of the causes of deaths were received, 2,774 from qualified Medical Practitioners, 85 from Hakims and Vaidyas, 3,482 from various Hospital Authorities and 229 and 786 from the Coroner and the Commissioner of Police, respectively. The causes of 1,143 deaths were certified by the Registrars after seeing the persons during their last illness, and the causes of deaths of 24,868 and 1,463 persons were verified by the Registrars, in the former cases on the information gathered from the relatives of the deceased and in the latter after seeing the dead bodies. In 48 cases the causes of death were not ascertained as the residences of the deceased could not be traced.

Visiting Nurses.

During the year, 62,095 visits to houses, chawls and huts were paid by the Nurses working under the Registrars and they enquired into 8,498 cases of ordinary sickness, 1,932 cases of Infectious Diseases, 4,029 deaths amongst the female population of the City and attended 741 confinements; they also ascertained 7,358 births.

Certificates issued.

During the year 726 copies of Certificates of Deaths and 112 of Certificates of Births and 29 copies of Birth and Death Reports were issued and the total fees received on account of them and searches of Birth and Death records for indefinite periods as well as for producing such records in Courts of Law, &c. amounted to Rs.1,113-14-0, against Rs. 981 in 1908.

Notices under the Act.

Out of the total number of 3,040 Notices issued by the Health Department, under the various Sections of the Municipal Act, during the year as against 3,394 in the past year, 1,160 were complied with, 1,446 were not complied with, 151 cancelled and 283 are pending.

In 1,718 cases Summonses were issued by the Presidency Magistrates at the instance of this Department as compared with 1,979 in the preceding year. Convictions were obtained in 1,086 cases, in a few cases parties were warned and discharged; 172 cases were dismissed, and 460 withdrawn—the offences having ceased.

Conservancy work.

During the year 748,795 carts of kutchra, drain stuff and other matter were emptied at the Tardeo Flats and other places in the City as against 700,402 carts in the previous year. Of these carts 559,218 were Departmental and 189,577 private.

126,684 nightsoil and cesspool carts and 4,173,293 nightsoil baskets were emptied at the several Nightsoil Depôts in the City during the year as compared with 118,445 nightsoil and cesspool carts and 4,253,730 night soil baskets in the last year. Of these carts 121,280 were Departmental and 5,404 private.

ADMINISTRATION OF PUBLIC HEALTH.

For administrative purposes, the City has been divided into seven Wards, each under the subordinate charge of a Deputy Health Officer, who is responsible for both the conservancy and sanitary work of his Ward. The Deputy Health Officers are assisted by a staff of Sanitary and Conservancy Inspectors, Assistant and Sub-Inspectors. They are controlled by the Executive Health Officer who is assisted by two Assistants.

For purposes of Registration of Births and Deaths and free Medical Relief, the City is divided into ten Districts with ten Municipal Charitable Dispensaries, each in charge of a Registrar with two Sub-Registrars and one trained Visiting Nurse and Midwife attached. Each office is equipped with staff for registering births and deaths, enquiring into the causes of death, checking cemetery returns and disinfecting houses and rooms where cases of Infectious Diseases may occur, or dead rats may be reported. The work of the Registrars is supervised by the Deputy Health Officers and the Executive Health Officer with his two Assistants.

There is also a Special Assistant Health Officer in charge of the Arthur Road Hospital for Infectious Diseases and the Maratha Hospital for Plague.

For Analytical and Bacteriological Examinations, there is a Municipal Analyst in charge of a fully equipped Chemical and Bacteriological Laboratory: chemical analysis and bacteriological examination of Municipal waters is conducted by him.

Reorganisation of the Subordinate staff.

The re-organisation of the subordinate staff of the Department, which was under consideration for some years, was finally sanctioned by the Corporation in October 1908 and brought into effect on 1st March 1909.

The revised scheme gave the much needed augmentation to the Clerical and Veterinary staffs, but curtailed the Inspectorial by seven Assistant Sanitary Inspectors, whose retention was, in my opinion, necessary for the adequate supervision of the rapidly expanding City.

The Veterinary staff now includes four qualified Veterinary Surgeons with a Shalotri who inspect the Milch Cattle Stables in the City and the Municipal bullocks and are in charge of the Municipal Bullock Hospital.

Transfer of the Presidency Vaccine Establishment.

The Department was further enlarged by the transfer on the same date of the Presidency Vaccination Establishment, whose control, owing to the redistribution of financial burdens under (the Police Charges) Act III of 1907, passed over to the Municipality from Government. The concentration of administrative control advocated by me for several years was thus secured; and on 1st March 1909 Dr. J. S. Nerurker, B.Sc., L. M. & S., of this Department assumed charge as the first Municipal Superintendent of Vaccination.

The Vaccination staff includes, besides the Superintendent and the Assistant Superintendent, ten Vaccinators, one Head Clerk with four subordinate clerks and the menial staff.

After some practical experience of the Branch as at present constituted I hope it may be possible to reorganise it on more modern lines.

For Conservancy and Sanitary work the Inspectorial staff consisted of :—

3 Chief Inspectors,	and the labour staff included
7 Sanitary „	202 Mukadums,
7 Assistant „	31 Patels,
1 Loading Siding Inspector,	6 Tripmarkers,
1 Night Branch Inspector,	4,346 Bigaries,
6 House Drain Inspectors,	2,863 Halalcores, and
68 Sub-Inspectors,	1,327 Cart drivers.
2 Halalkhore Inspectors;	

Plague Measures.

With the presence of Plague in the City for about a decade and a half and its gradually decreasing tendency, the disease has lost more than half its former terrors for the people. The preventive and precautionary measures carried out by this Department, year after year, have almost become a part of its routine duties; greater attention is however concentrated on rat campaigns and larger efforts are made for the collection and destruction of rats by the employment of a special staff of Sub-Inspectors and gangs of coolies.

(i) Inoculation.

Inoculation was pressed during the year vigorously. It is to be regretted that with all the popular lectures and demonstrations given to the people from time to time, on the causes and prevention of Plague and the harmless immunity conferred by inoculation, much prejudice prevails. Only 4,544 operations were performed in 1909 against 5,844 in 1908; it is not unlikely, however, that an explanation is to be sought also in the steady decline in Plague Mortality. The people appear to regard evacuation as all-sufficient and view inoculation and its passing discomforts with increasing disfavour.

STATEMENT OF INOCULATIONS PERFORMED DURING 1909.

District No.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1	...	...	22	4	...	...	...	...	...	...	...	...	
2	...	...	...	...	3	...	...	...	1	...	...	...	
3	...	...	...	...	...	...	...	...	...	...	...	...	
4	...	39	5	193	...	...	...	3	1	...	...	...	
5	...	6	22	13	29	22	23	22	62	19	87	90	
6	17	...	...	23	4	..	...	...	...	...	...	...	
7	...	36	2	1	...	...	...	...	...	...	...	...	
8	65	76	168	94	78	43	28	9	3	12	38	18	
9	...	18	18	35	13	...	...	...	...	...	...	183	
10	...	43	15	...	...	...	...	...	...	...	...	...	
Parel Laboratory ...	5	25	257	81	31	28	16	70	39	46	51	54	
H. M.'s Common Prison	210	175	164	162	181	153	217	187	178	149	171	188	
Total ...	297	418	673	606	339	246	284	291	284	226	347	533	4,544

(ii.) Rat Destruction.

Special ratting raids were organised on a large scale in selected localities. Each Deputy Health Officer of a Ward was supplied with 1,000 rat traps and he was held responsible for their proper use. As a consequence, distinct improvement followed and at the end of the year it was found that no less than 432,568 rats had been collected and destroyed during 1909, against 374,386 in 1908—an increase of 58,272.

From the annexed Rat Statement it will be noticed that of the above number of rats collected and sent to Parel Laboratory, 91,540 were examined and only 9,600 were found infected, the percentage of infected rats to the number examined being 10·4 against 12·3 in 1908 and 14·2 in 1907.

The percentage of infected rats rose from 5·4 in January to 12·9 in February and 26·4 in March; then it declined to 24·3 in April and 14·9 in May, until it reached 3·4 in September when it commenced slowly to rise again reaching 4·6 in November and December.

Rat Plague and Human Plague.

An attempt is made in the Diagram that follows to indicate the relation between Rat Plague and Human Plague. It will be seen how the rise in Human Plague has followed on the rise of infection among rats; and the fall in the percentage of infected rats has been followed by a corresponding fall in the incidence of Plague.

Statement showing the number of rats collected and the number and ratio of rats found infected during 1909 :—

MONTHS.	Total number of rats sent to the Parel Laboratory.	Number of rats examined.	Number of rats found infected.	Ratio of rats found infected per 100 rats examined.
January	38,822	10,673	586	5·4
February	31,744	9,103	1,175	12·9
March	31,394	9,826	2,595	26·4
April	31,083	9,310	2,264	24·3
May	33,252	6,309	945	14·9
June...	27,775	4,272	252	5·8
July	32,106	4,799	220	4·5
August	34,192	5,075	191	3·7
September	34,078	5,170	179	3·4
October	38,922	7,066	264	3·7
November	42,112	8,079	375	4·6
December	57,178	11,858	554	4·6
Total ...	4,32,658	91,540	9,600	10·4

(iii) Evacuation.

To induce evacuation of congested and infected areas, Municipal Health Camps were erected at Victoria Bunder, Agripada, Arthur Road, North-brook Gardens, Purbhadevi Road, Parel Government House, Babulla Tank, Foras Road, Grant Road and Mahim.

Government having objected to the use of the Kennedy Seaface for the erection of Health Camps by the people, the City Improvement Trust sites at Gamdevi were made available for the purpose.

To provide against possible emergencies, semi-permanent camps were kept in a state of repair during the monsoon at Koliwada (Colaba), North-brook Gardens and at the junction of De Lisle and Arthur Roads.

Evacuation is a popular precautionary measure and largely resorted to from year to year.

(iv) Disinfection.

Every place where an infected rat was found or a plague case occurred was pesterined, all gullies and passages between houses being regularly similarly dealt with.

Disinfecting staff: (a) Ordinary.

The Ordinary Disinfecting Staff consists of 11 Sub-Inspectors, 1 Mucadam, and 75 Coolies for all the ten Districts together. This staff has always been kept since 1901 and augmented during an epidemic of Small pox, Cholera or Plague: different men work for different diseases as far as possible and disinfection is also done where infected dead rats are found and precautionary disinfection in the non-epidemic season.

(b) Special.

The Special Disinfecting Staff consists of 4 Sub-Inspectors, 4 Mucadams and sixty Coolies for all the ten Districts.

The Sub-Inspectors are trained men. They have been instructed by their Deputy Health Officers and examined by me in their knowledge of the work. The Deputy Health Officers and District Registrars have moreover strict instructions to constantly supervise the gangs.

Disinfections carried out.

No house has been left undisinfected which, to the knowledge of this Department, has contained a case of Plague.

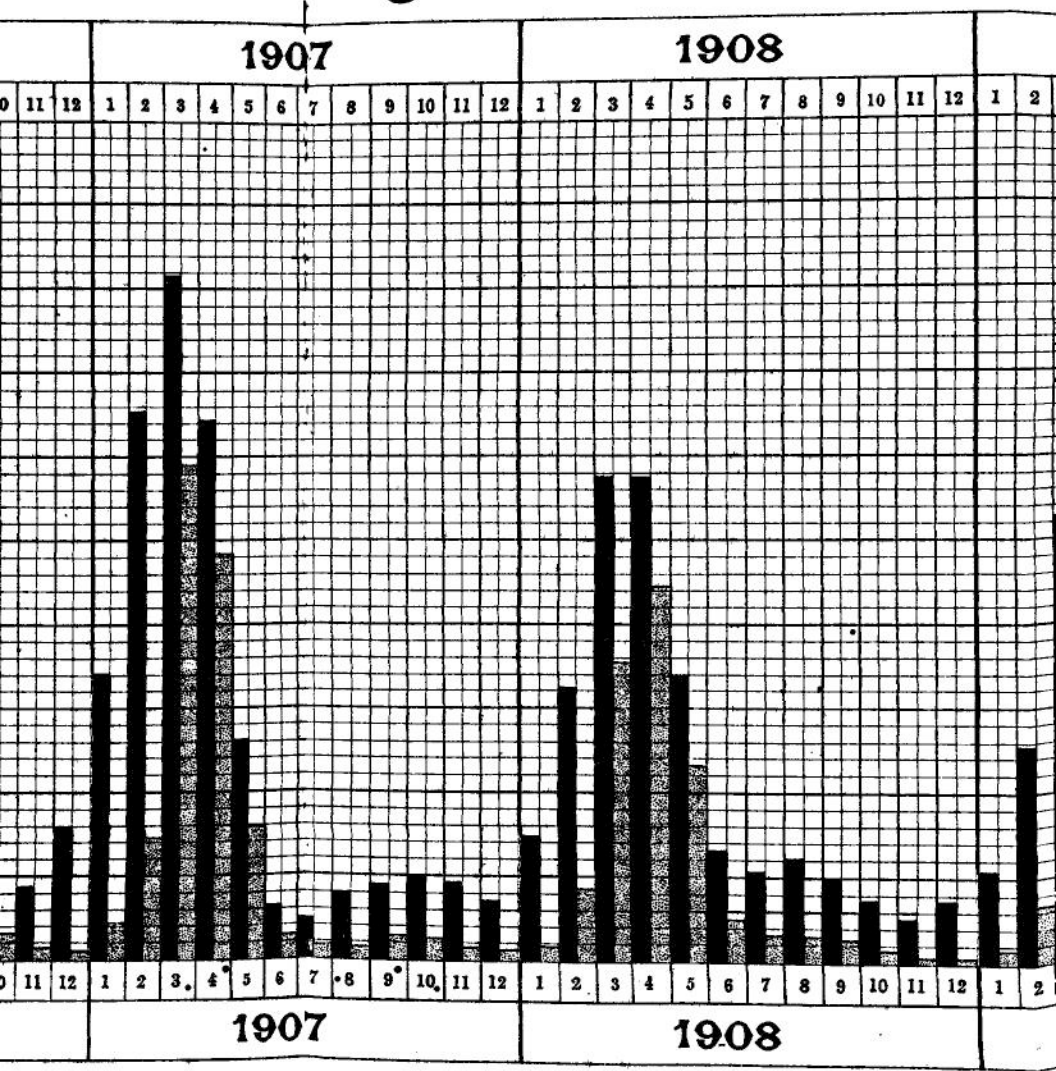
A record has been maintained of the Plague history of houses in the City. About 18,000 disinfections for Plague, dead rats and by way of precautionary measures were carried out in the preceding two years (1907-1908 and 1908-1909): of these nearly 12,000 were for Plague.

Recurrence of Infection after Disinfection.

The records show that in 235 instances one or more cases occurred in houses subsequent to disinfection with Pesterine, but not in the same rooms. There were not whole-house disinfections: rooms were disinfected as cases occurred or dead infected rats were found.

The comparatively small number of recurrences—235 cases out of a total of 12,000 disinfections, i.e., just under 2 per cent.—shows that Pesterine has been effectual. The history of houses in A Ward points to the same conclusion: whereas in 6 houses 185 cases occurred in 4 years (1903-1906), only 20 cases occurred in the same 6 houses in the three years (1907-1909) during which precautionary disinfection with Pesterine was carried out. Even allowing for

DIAGRAM
of Rat Plague to Human
during 1906 to 1909



the general reduction in Plague since 1901, there should have been 60 deaths from Plague in the 6 houses; but there were only 20 after precautionary Pesterining. It is, therefore, proposed to use in future :—Pesterine or kerosine for Plague infected houses and where rats have been found; also to prevent breeding of flies etc; and in case of accumulations of water to prevent mosquito breeding; Izal Fluid for Small-pox, Cholera, Phthisis, Measles etc; and mixed with Pesterine for Malaria, as it has been found to be effective in killing larvae; Sulphur for fumigating after Small-pox, Measles, Phthisis etc. and for vermins; Izal Powder for places where fluid cannot be used and for those fouled by human excreta and urine; Permanganate of Potash for wells infected with Cholera Vibrio. Proposed Disinfectants for future use.

STATEMENT OF CASES REMOVED TO HOSPITALS, HOUSES VACATED AND HOUSES DISINFECTED IN 1909.

ON ACCOUNT OF.	Number of cases removed to Hospitals.	Number of Houses Vacated.	Number of Houses disinfected.
Precautionary measures	.....	199	3,963
Dead Rats	.....	91	690
Small-pox	421	12	889
Measles	4	.....	70
Plague	543	272	5,632
Suspicious Plague	10	6	38
Typhoid Fever	59	.....	113
Malarial „	24	.....	55
Remittent „	2	.....	2
Relapsing „	77	.....	63
Cholera	123	16	886
Diarrhœa	58	.....	2
Leprosy	.....	.....	4
Tubercle of Lungs	38	.....	39
Erysipelas	12	... ..	6
Chickenpox	28	.....	25
Phthisis	78	.....	2,049
Pneumonia	58	.....	2
Other causes	251	.....	4

An account of Sanitary Measures carried out in the year should include a short reference to the Medical Congress—the first of its kind in the Presidency—which sat in Bombay from 22nd to 25th February. Representative Medical men from the different parts of the world met and discussed chiefly Tropical Diseases and Sanitation. Sanitary Measures.

To the Exhibition in connection with the Congress this Department contributed the Health Section which was organised by Dr B. K. Goldsmith, M.B., Ch.B., D.P.H., my Senior Assistant, ably assisted by Rao Saheb A. K. Pai, the Chief Clerk and Accountant of the Public Health Department. Various Sanitary appliances and models of sanitary chawls and stables, privies and urinals were exhibited. The Municipal contribution towards the Congress was Rs. 10,000.

In my Annual Report for 1908 I referred to the introduction of Sanitary dust-bins, 500 of which had been ordered and most of them were in use—for the deposit of house sweepings and kitchen refuse in the compounds of several houses in A Ward. These having been found of much assistance in our efforts to check the reckless throwing of house refuse on streets and gullies and to reduce the number of stationary refuse carts (an object of general complaint from their obnoxious contents), a further supply of 506 bins was purchased and most of these distributed in the City. Sanitary dust-bins.

The number of bullocks of this Department having been unusually thinned partly by death and disease and partly by casting and the strain imposed by extra work, the amount of *kutchra* to be removed from A Ward accumulated very much. Arrangements were therefore made with the Officer Commanding R.E., to use a space of about 400 square yards at the Gun Carriage Factory, Colaba, for loading three trucks in the morning and evening, and with the B. B. & C. I. Railway for the removal of the six waggons of refuse from Colaba to Mahaluxmi. This arrangement still continues, being found to be a more economical and expeditious method of refuse removal: the number of cart-drivers of A Ward has since been reduced by 40 and the pairs of bullocks by an equal number. Removal of Refuse.

The introduction of Motor waggons, in the last quarter of the year, for the removal of refuse and town sweepings marks an important innovation in the Conservancy methods of the City. Introduction of Motor Vans.

The Corporation having sanctioned my recommendations for the employment of three Motor waggons to begin with, the Motors were ordered out from Messrs. Leyland Motors, Ltd., at a cost of Rs. 36,000 and fitted up and brought into use in October. They are strongly built waggons, each capable of holding 9 Bullock cart loads of refuse. They are working in A and B Wards, and for about ten weeks each waggon working 8 hours a day made 4 trips to the Mahaluxmi Loading Siding, conveying in all 36 cart loads of refuse. It was thus found possible (i) to reduce the strength of cart-drivers of this Department by 47 (at Rs. 10-8-0 p.m. each); 20 of these, however, being retained, at Rs. 10 p.m. each, as Bigaries for loading purposes; and (ii) to withdraw from the two Wards 41 pairs of bullocks since redistributed in other Wards to replace cast or dead bullocks.

But subsequently this method of working the cars was replaced by the one, now in force, of working them in shifts—one car resting; so that two cars working daily, together make 16 trips and remove 144 cartloads of refuse against 108 cartloads under the old arrangement.

The new method of working the Motor waggons therefore means more efficiency and less cost, for it has enabled the further reduction of 40 cart-drivers and a further saving of 50 pairs of bullocks which have been withdrawn from A and B Wards and redistributed in others.

Need for more Motors.

In consequence of these financial and other benefits I have recommended the purchase of two more similar waggons,—in my report No. 33728 dated 23-12-1909 which is to the following effect :—

On the 1st December 1909 this Department had only 1,303 pairs of bullocks against 1,563 pairs—the number budgetted for. . . . . This number will further be reduced by the casting of 107 bullocks as already proposed and by casualties in January and February 1910. Thus before the end of the year we shall have been working with 1,200 pairs only. The working of three steam waggons and the Siding at Colaba have greatly helped us in removing the refuse.

I hope the necessary sanction will soon be accorded and the additional motors will be plying in the City at no distant date.

Disposal of refuse by Destructor.

The collection and removal of refuse thus being effected in a more modern, expeditious and economical way, it only remains for the Corporation to adopt the more modern method of disposal by erecting a Destructor as they decided many months back.

As I pointed out in my last Report, the improvements made in recent years have rendered possible the placing of a Destructor in the midst of a populated neighbourhood without fear of any inconvenience to the people.

I would therefore ask the matter be expedited as much as possible.

Importation of Adulterated Milk Supply.

The Corporation having requested (Resolution No. 7467 of 1-3-1909) a report as to the steps taken by this Department to prevent the importation of adulterated milk and curd in the City and Island of Bombay, my Report (No. 5129 of 4-5-1909) was to the following effect:—

The various stations from which milk is imported into Bombay are :

Virar and Bassein, Nalla Supara, Borivli, Andheri and Bandora ... ... } B. B. & C. I. Railway.

Kalyan, Dombivli, Thana, Ghatkooper and Kurla ... ...G.I. P. Railway.

The quantity of milk imported into Bombay cannot be accurately estimated, as the open cans containing milk are treated as labelled parcels and hence no weight is declared. This milk is largely sold to confectioners. Imported milk sours easily as the animals are milked early the previous night to enable the carriers to bring the cans to different Railway stations in time for transit. The milk from nearer stations is sold to customers and in Bazars.

The Act on the subject.

As I said in a previous report (No. 11234 of 21-9-1907), Milk, being a perishable article, can only be dealt with, if found watered, under sections 415 and 416 of the Municipal Act. After taking a sample of any such milk brought into Bombay, we have no power to prohibit the sale of that milk until the result of the analysis is known; and by the time the result is known—in some days—that milk even if we had the power of prohibiting its sale, has already been disposed of.

It is therefore absolutely impossible, under the law as it stands at present, to prevent the importation of adulterated milk into Bombay, or its sale. The weakness of the Act.

I have already advised (No. 16533 of 15-3-1904) the amendment of the Act and its extention to milk ; until this is done it is impossible to stop the adulteration of milk, ghee and other food stuffs.

I brought this again to the notice of the Corporation in my Annual Report for 1907.

I have advised (No. 14410 of 28-1-1905 and Annual Report for 1908) the establishment of Milk Depôts in the City and dealt at length with this important question giving my reasons. The large percentage of mortality amongst infants in the City can, to some extent, be attributed to contaminated milk and curd supplied to the City.

What we do at present is only to take some samples daily from different milksellers and analyse them : of course this has a deterrent effect in a few cases, but this is nothing compared with the evil prevailing.

As we are powerless at present, the Act should be amended, so that a penalty could be inflicted on persons selling or exposing for sale adulterated milk, and Food Inspectors appointed. The remedy is to place the milk supply under Municipal control, as in the case of Meat, and provide a central place where all milk should be brought, tested and then allowed to be sold. The remedy.

The Municipality should take every possible measure to prevent the importation into the City of adulterated milk and any product thereof, as well as to improve the local supply.

Later on in the year, the Corporation having desired to be informed, (Resolution No 3517 of 16th September 1909,) (i) of the number of Dairies and Milch Cattle Stables in the different wards of the City, and (ii) of the arrangements existing at present to supervise the sale of milk at these places and other shops, I submitted my Report No. 33467 of 21-12-1909 reviewing my previous Reports on the subject. Dairies and Milch Cattle Stables and arrangements to supervise the sale of milk.

In my Annual Report for 1901 I remarked that the control of Milch Cattle Stables is divided between the Health and License Departments, as that of House and Storm-water Drainage is divided between the Health and the Drainage Departments. The control of Milch Cattle Stables by this Department is limited to inspection and the serving of a notice if the stable be dirty or there is any disease amongst the cattle, and prosecution before a Magistrate. In case of overcrowding this Department has to report to the License Department and in case of structural defects to the Engineering Department. After a certain amount of correspondence and delay, action is taken and the owner when taken before a Magistrate by the License Department may be convicted and warned or nominally fined. As most of the stables yield a large income to the owner, a fine of a few rupees is no hardship and the nuisance recurs. Dual control of Milch Cattle Stables and its evils.

The License Department wish to swell their revenue and look with alarm on any suggestions tending to affect it adversely. But the responsibility for the health of the people rests with the Health Department who desire to see carried out measures that will improve the condition of the City and the health of the people. But both the objects could be accomplished by enforcing clean sheds, pure water, sufficient space, for then the quality and quantity of milk would be improved and the revenue would not suffer.

To accomplish these objects, in addition to Byelaws I suggested that the control of all Milch Cattle Stables should be under the Health Department and that all milksellers and cowkeepers should be registered. No milkseller and Milch Cattle Stables should be licensed unless they satisfy all the requirements of the existing and future Byelaws : action should be taken before a Magistrate by the Health Department on the infringement of any Byelaw and two infringements should cancel the licence; the minimum floor space should be 5 feet by 12 feet and the minimum cubic space 500 cubic feet; that no stable should be licensed or occupied without a certificate from the Health Department that all requirements have been complied with; that no new stable should be allowed to be built within 500 feet of a road or dwelling house and no new stable should accommodate more than 400 cattle—an open space of 15 feet being provided all round such a stable; that the licence should be issued in the name of one man and none issued to existing stables unless open space be provided on all sides; that all stables in the suburbs should conform with the Byelaws. Suggestions for improvement.

And I urged strict supervision of existing stables, rigorous enforcement of the Act and the Byelaws and unbiassed judgment of the Magistrate.

Milk supply to the City.

In my Report for 1903 I observed that the milk supply to Bombay is chiefly from buffaloes which are kept in stables in the City in a more or less insanitary condition. There are 12,101 milch cattle which supply milk to the City; a certain amount of milk comes by rail from Bandora; and there is also a number of cows and goats kept chiefly for private use. The milk for the most part is hawked about in the native city and sold in small quantities from brass or copper vessels, but in some cases the animal is brought to the houses and milked there. From the manner of its collection and distribution (actual adulteration apart) there is great risk of contamination both at the stables and during distribution, and by the time it reaches the consumer the milk has been exposed to many vicissitudes.

Risk of contamination.

The two points to be considered are (i) the quality of the milk as a food supply and (ii) the possibility of its conveying diseases. These can only be dealt with by constant inspection and supervision and the regulation of the stables and the analysis of samples of milk offered for sale. At present the Act confers no power to prosecute vendors of adulterated milk, but the power when given by the amended Act should be rigidly exercised.

In my Report for 1904, I added that even if it were possible to render the Stables sanitary, the method of distribution, the climate, the habits and customs of the people constantly tend to render the milk unwholesome. Milch Cattle Stables are licensed when they conform with the Byelaws, but the Health Department have prosecuted the owners and occupiers for the condition in which they are kept; but the fines inflicted by the Magistrates are too small and nothing but the refusal of licence will remedy matters. Although constant prosecutions may have some effect, much more benefit would accrue if the milk vendor found that his name did not appear in the published list of Keepers of Sanitary Dairies and that his milk is therefore not purchased.

Milch Cattle Stables etc. in the City.

The Milch Cattle Stables, Dairies and Milkshops in the City are distributed as under:—

Wards.	No. of Stables.	No. of Dairies.	No. of Milkshops.
A	...	15	4
B	1	...	46
C	6	...	Old shops and on roadside.
D	12	39	do.
E	35	13	do.
F	6	...	do.
G	4	...	do.
	64	67	

Present arrangements for supervision of sale of milk.

As to the arrangements at present existing for the supervision of the sale of milk at Dairies and other places: the milk is removed from the stables at a very early hour in the morning and passes in most instances direct to the consumer. In some cases, however, it is conveyed to Dairies and in others it is exposed for sale at street corners. In very few instances is any retail trade carried on in or near the stables. Samples of milk from stables, dairies and milkshops are obtained every week by the Deputy Health Officers and submitted to the Municipal Analyst for opinion; if the sample is pronounced to be adulterated, the individual who sold it is visited and warned. This indeed does not exercise a very deterrent effect as a rule. The Analyst's Report for 1906 indicated that 75·5 per cent. of the samples sent to him for examination were adulterated, in 1907 82 per cent. and in 1908 86·1 per cent. These figures indicate a serious adulteration of one of the most important articles of human diet specially concerning the welfare of the infant.

Adulterated Milk and the Act.

The Sections of the Act enabling milk to be dealt with are 415 and 416; while Section 414 lays a duty on the Commissioner to provide for inspection of articles of food (including milk) exposed for sale, Section 415 empowers him to seize and carry away any animal or article, found on examination to be unwholesome or unfit for human food, or medicine, or any utensil found to be such as to render any article prepared or contained therein to be unwholesome or unfit for human food; and Section 416 provides for the immediate destruction of any meat, fish, vegetable or other article of a perishable nature seized under the preceding Section so as to prevent its being exposed for sale or used for food.

It is obvious that the occasions must be rare on which milk is exposed for sale in such a condition as to be at once apparent that it is unsound, unwholesome, diseased or unfit for food.

Most usually the milk requires a chemical analysis to determine its condition. This necessitates a sample being taken, but the analysis takes time; the bulk of the milk is disposed of in the mean time, and in the event of the milk proving diseased etc., no penalty is provided for the offence. This Department can only warn the offender; but as he doubtless knows the limitations of the Act, such warnings produce little effect judging from the Report of the Municipal Analyst.

Milch Cattle Stables closed.

During the last two years 15 owners of Milch Cattle Stables had their licences stopped as "worst cases" requiring immediate improvement. This is very slow progress. I would therefore suggest that the Act be amended as already pointed out, and it be made incumbent on all Dairies and Milkshops and milk sellers in the City to be registered; refusal or omission to register being dealt with seriously by law.

Suggested remedies.

Corporation's action.

The Corporation have, under their Resolution No. 6783 of 14-2-1910, referred the whole question to a Sub-Committee for consideration and report, and have recorded the opinion that pending the Committee's report and the Corporation's decision thereon "vigorous measures should be taken by the Executive to prevent, as much as possible, under the existing provisions of the law, the importation and sale of adulterated milk in the City"; they have further requested the Commissioner to report if "it is not feasible to arrange for prompt and authoritative analyses of suspicious milk so as to admit of unwholesome milk being summarily dealt with on the strength of such analyses".

Unwholesome food seized & destroyed (Sections 415 and 416).

The catalogue of unwholesome food seized and destroyed under Sections 415 and 416 of the Municipal Act by the staff of this Department in the different Wards of the City during 1909 is as under :—

Ward *B*—4 Baskets of fresh meat and salted pork; 4 gallons of milk; and 1,151 mangoes.

Ward *E*—4 lbs. of wheat; 6 lbs. of grapes; 1,293 mangoes, and 915. Plantains and other varieties of food.

Ward F—294 lbs. of contraband meat; and 727 different kinds of fruit.

Ward G—38 lbs. of contraband meat; ½ basket of fish; 1 basket and 42 lbs. of Prawn; 30 dried fish with maggots; 4 lbs. of sweetmeat; 3 lbs. of dried figs and raisins; 13 lbs. of Betel nut; 81 lbs. of Potatoes and 157 Plantains and other fruit.

Drainage and Sewerage of the New Sewree Reclamation.

In my letter No. 23857, dated 14-10-1909 I addressed the Municipal Commissioner to the following effect:—

Within the last five months eleven buildings have been proposed to be erected on the New Sewree Reclamation of the Port Trust and more building proposals are likely to be made on this estate. It is, therefore, necessary in the interest of sanitation that this area should be properly drained and sewered, as it will not be possible for this Department to satisfactorily attend to the cesspools that will be constructed in connection with these buildings.

Whenever the Improvement Trust lay out any estate for building purposes they lay down sewers at their own expense. I would therefore request the Port Trust be addressed and asked to drain and sewer this area.

Drainage and Sewerage of the Northern parts of the City.

The urgency of providing a system of drainage both for storm water and sewage in the northern part of the City was again brought to the notice of the Municipal Commissioner in my Report No. 27863, dated 15-11-1909 which was briefly as follows :—

This (northern) part of the City, especially since the abandonment of the Mahim Scheme by the Improvement Trust, is being rapidly built upon. Within the last five years 215 new buildings have been built in the undrained portion of F Ward, which comprises nearly the whole of Sion Section and the greater portion of Sewri Section.

Similarly in the undrained portion of G Ward, which includes the whole of Mahim and the northern and western portions of Worli Sections, 357 new buildings have been completed within the last five years and 182 more are in course of construction at the present moment.

The buildings completed and those being built to the west of the B. B. & C. I. Railway line, between Elphinstone Road and Matunga stations, are very large and capable of accommodating a large population. The Sassoon Reformatory is also being built on the west side of Matunga Station. Almost all of these buildings are inaccessible to our conservancy carts for want of proper roads and it will be very difficult, if not impossible, to attend to the cesspools that will be erected in connection with them.

The number of cesspool carts for the conservancy of F and G Wards is now totally inadequate for the regular emptying of the contents of the cesspools. F Ward contains 450 cesspools to attend to and has only 26 cesspool carts; while G Ward has 44 such carts for the emptying of 1,268 cesspools. Matters will not improve by an increase in the number of carts for want of roads to pass, as several buildings have been and are being erected in localities without proper roads.

F and G Wards are the principal Mill districts of the City. Several of the Mills are located in the undrained areas, and the absence of drainage in their case causes great nuisance: *e. g.*, the Bombay Woollen Manufacturing Co.'s Mills on Lady Jamsetjee Road daily discharge an enormous volume of offensive dye liquor into certain fields to the west of the premises, which accumulates near the Tulsi Mains to the west of the B. B. & C. I. Railway line between Dadar and Matunga stations; the Indian Dyeing and Bleaching Mills on Purbhadevi Road discharge their dye liquor into the sewer on De Lisle Road, which, being totally inadequate for the wants of the locality, becomes quickly surcharged and causes serious nuisance in monsoon months; the tanneries at Dharavi also discharge filthy effluent direct into the sea at Dharavi Creek.

The following table gives the population of the Sections in 1901 and 1906 and also the estimated population in 1910 assuming the increase in the past ten years to continue.

Sections.	Population in 1901	Population in 1906	Estimated Population in 1910
Sewri	9,294	15,985	24,659
Sion	25,443	30,515	35,291
Worli	45,588	69,488	97,354
Mahim	27,386	31,178	34,586

Unusual conditions have, however, existed in Bombay for the past 15 years which may be disturbing factors in these calculations, but the rapid increase in buildings and population cannot be denied. If the northern parts be properly drained and laid out on modern lines of town-planning with tram and other facilities the increase would be much more rapid.

The question of the sewerage of this District is before a Committee of the Corporation, who have resolved to defer its consideration until the final settlement of the question of providing a new outfall at Worli Point and of the schemes for the improvement and development of the northern portion of the Island by the Improvement Trust. This means the postponement of the drainage schemes of F and G Wards for an indefinitely long period and the aggravation of the existing nuisance to the serious detriment of Public Health.

I think it very unwise to wait till the Trust settle their Schemes, because for some years to come that Body will not be able to turn their attention to the northern parts of Bombay, their hands being more than full at present. They have had to finally abandon the Mahim Scheme promulgated so far back as 1899.

While the southern half of the City has within the past few years begun to put on an aspect of improvement, and a certain development has been made in sanitation, if the northern half be allowed to develop itself without any system of drainage, water supply, or town planning, it will gradually degenerate into the worst part of Bombay before Plague.

Now, therefore, is the time to rescue this part of Bombay from what is threatening to be a dangerously insanitary locality, and, by laying out streets and sewers, direct the rapid development of the City northwards. If the recommendation of the Committee is to be given effect to, it is both advisable and necessary to stop the erection of any more buildings in the undrained portions of F and G Wards until a system of drainage and town-planning has been settled.

There is no Section of the Municipal Act under which this prohibition can be carried out except Section 348 (1) (b). But as the time limit in the latter Section is only six months and its provisions are vague, I would suggest that Government be requested to immediately empower the Commissioner in this matter.

The Bombay Town Planning Bill.

A Town Planning Scheme has for its object the laying out of any land which is, or may become in the course of development, or appears, likely to be used for building purposes with the general object of securing proper sanitary conditions, amenity and convenience in connection with the laying out and use of the land and of any neighbouring lands.

Bombay, in the past, has been suffering from the absence of any control in its development. This is quite a different question from the improvement of overcrowded areas, of the unhealthy condition of the narrow and tortuous lanes and gullies for which the City Improvement Trust was created in 1898 after the City had been decimated with Plague.

A Town Planning Scheme aims at developing a City and suburbs, so that greater facilities will be given for local enterprise and private capital, but maintaining a control over the disposition of the streets, sewers and sanitary arrangements, bringing into prominence such parts as are now of little value and enhancing the value of the rest, providing sites for building purposes which otherwise remain useless, providing open spaces and wide streets and better facilities for communication.

The Town Planning Bill now proposed should be welcomed by the Municipality and the inhabitants as one of the greatest boons the City could desire.

In all cities where such Schemes have been adopted, the Controlling Authority is the Local Government, and the Local Authority the Municipality, and in Bombay it is essential that this should be the position.

In Bombay, however, there is land ready for development which is rapidly being built upon, and which, if properly laid out, would provide accommodation for a rapidly increasing population for years to come.

Those Sections of the Bombay Municipal Act, which empower the Corporation to regulate development of the City, appear not to have been used in the past and that part of the north of the island, which is not occupied by Railways, has become a jumbled mass of badly built houses without any proper system of roads and drainage; in some parts, almost inaccessible in some months in the year, separated by a few feet from each other, just sufficient to satisfy the defective Bye-laws.

But let us look at the Sections of the Act and see if they are as powerless as we have been led to think.

Section 291 gives the Corporation power to make new streets, and Section 296 to acquire land and buildings and dispose of them. Section 348 gives power to lay out streets and define regular building lines, but this has not been done.

In 1902 Counsel's opinion was taken on the power of the Corporation under these Sections, and that opinion was decidedly in favour of the Corporation. No action was taken on representations made by the Health Department to use the Section and define building sites and lay out streets, sewers, etc.

The Improvement Trust was taking up this work and upon that body the future development of the undeveloped parts of the Island as well as the crowded parts was thrust.

We now know how great that burden was and how the Trust has been unable to cope with it.

Whether the powers given to the Municipality by the Municipal Act were sufficient or not, or whether it was their duty to enforce them, rightly or wrongly they have not been enforced, with the result that at the present time the development of Bombay is a hopeless tangle. The adoption of a Town Planning Scheme is the solution of the difficulty.

As for the necessity of immediate adoption of such an Act I will quote only a few examples.

In that part of the City of Bombay known as A Ward, the immediate necessity of deciding on the future development of Upper and Middle Colaba and Fort North is urgent. This, it may be urged, is the duty of the Improvement Trust. In 1903, the Health Department represented to the Improvement Trust a number of areas which required improving—but if that Body is unable to undertake the work why should such development be delayed? Passing from A Ward, leaving D Ward, Malabar Hill, Cumballa Hill as parts of the City which require more supervision but with less urgency, we come to Mahaluxmi. A line drawn across the Island from the bottom of Cumballa Hill on the west through Clerk Road to Tank Bunder Cemetery on the east, will practically cut the Island in half. On the north of this, an area of say 11 square miles, there are Cotton Mills and Factories, Bullock Stables and Milch Cattle Stables, Railway Work-shops, Burial Grounds and Burning Ghats, swamps, Toddy trees, roads, quarry holes and scattered dwellings and vacant land. The population to an acre is 20 compared with 200 on the southern parts of the Island. There are 3 lines of railings running north and south, east and west.

Look for a moment at the buildings in progress in F and G Wards from Purbhadevi Road and north of Purbhadevi Road to Mahim Station—undrained, unpaved, unlit,—inaccessible even to the scavengering or cesspool cart in many months of the year. Visit Matunga and Dadar villages, Dharavi and Sion, and consider what they will be like in few years if left to the mercy of the little builders.

The main sewage system goes as far as Purbhadevi Road on the west and Parel Tram Terminus and Sewree Cemetery on the east, and even at this part is not able to cope with the sewage that it receives. The result is that every house north of this part is undrained and the sewage and nightsoil removed by hand labour, and as the means of access to the houses and cesspits are of the most primitive order the result is far from satisfactory. Define the building sites, lay out streets, drain, pave and light them at the expense of the owner, and the north of the Island will become a healthy suburb; open up communications, and the numerous Railway Stations and extensions of the Tramway will soon help to develope the land and recoup the landowners for the tax which they have to pay.

Take for example that area known as Dadar, Kumbharwada, bounded on the south by Elphinstone Road, on the east by the B. B. & C. I. Railway as far as Dadar Station, on the north by a line drawn from Dadar Station *via* Portuguese Church Road to the sea and on the west by the sea—an area of 472 acres or 228,555 square yards. The land is already being built upon without any definition of streets, sewers or drains and is almost inaccessible by day for a vehicle and impassable in the rains and at night.

Before allowing any building the sites should be set out—streets defined and a large 100 feet road carried through from south to north and streets pegged out west to east. Elphinstone Station and Dadar Station would be easily accessible from any part of the area.

The area should be notified and a plan exhibited in the office of the Local Authority and 14 days' notice for objections given.

Work done by the Department: appreciation.

The work of the staff of the Public Health Department has become more exacting every year, and I wish to record the willing way in which all the officers and staff met my constant demands on their energy.

In addition to the routine work of supervising the Wards and the large amount of office work which appears to be unavoidable, the measures for controlling Plague, Malaria, Small-pox, Cholera and for rat destruction exact the most strenuous attention to duty. There is rarely a time when the wheels of the Department can, so to speak, run on without constant and detailed supervision, and to the support the officers and staff have given is due the improved condition of the health of the City. The work of rat destruction including the arrangements for carrying out the campaigns is of itself an enormous burden which has been cheerfully borne by all.

The Dispensaries and Visiting Nurses continue to do valuable work.

The work done by the clerical staff of the Head Office, General Branch, including the Plague Branch, left nothing to be desired, especially when it is considered that it has been increased enormously by the Vaccination and Malaria work: the amount of extra correspondence entailed by the latter has been a serious strain on the staff.

The Registration Branch has, in spite of several changes, carried out the work very satisfactorily and expeditiously.

The Municipal Analyst's Report shows how his work has increased and what valuable work is being done.

I have the honour to be,

Sir,

Your most obedient servant,

J. A. TURNER, M.B., D.P.H,

Executive Health Officer.

5th April 1910.

Report of the Analytical and Bacteriological work done in 1909.

I have the honor to submit herewith the report of work done by me in the Municipal Laboratory during the year 1909.

5,089 articles were examined, during the year, 3,037 bacteriologically and 2,052 chemically, against 3,754 for 1908, showing an increase in the work done by 1,335; 1,470 samples of Bombay waters were examined, 1,164 bacteriologically, 306 chemically. There has been a steady and continuous increase in the work done from year to year as will be seen from the following Statement:—

385 articles were examined in 1904			
1,701	do.	do.	1905
3,037	do.	do.	1906
3,019	do.	do.	1907
3,754	do.	do.	1908
5,089	do.	do.	1909

421 samples of milk were received during the year, of which seven samples could not be analysed, as they were received clotted, leaving 414 samples for analysis, against 486 for 1908; out of the 414 samples under report, 63 were genuine, 5 suspicious, 2 skim milk, and the remaining 344 watered, giving a percentage of 83·5 per cent. of adulterated milk as sold in Bazar against 86·1 per cent. in 1908. Dairy Companies charge a higher price per seer than ordinary milkman, hence one would naturally expect a much purer article; there is, however, very little difference: 40 Dairy samples of milk were examined of which 10 were genuine, 2 were skim milk and 28 watered, giving a percentage of 75 per cent. adulterated against 83·5 per cent. milk sold by ordinary milkmen.

38 Ghee samples were examined against 44 in 1908; out of these 30 were genuine, 2 suspicious and the remaining six were not genuine.

143 samples of well waters were examined as compared to 93 in 1908; out of these only 7 were found to be fit for potable purposes, one was suspicious, one could not be analysed as it was a very thick, muddy fluid smelling of kerosine oil and the rest were unfit for potable purposes.

458 samples of waters were examined for the identification of Mosquito Larvæ as to their species, against 205 in 1908; this work has been discontinued in this office from the latter part of August 1909 and is being done by the Special Officer appointed for the Malaria Investigation Committee.

330 samples of waters were examined for Cholera Vibrio against 226 in 1908 and Cholera Vibrio was detected in 23.

The Vaccination Department having been transferred to the Health Department since March last, each lot of vaccine prepared by the Superintendent is sent to this office to be tested for its purity before use; 977 capillary tubes were examined during the year, besides supplying sterile water and nutreul agar.

With your No. 5918 of 8-5-09 a Government Resolution regarding the use of the tropical fern "Azolla" for the destruction of Mosquito Larvæ was received in this office. It was obtained from the Curator of the Royal Botanical Gardens, Calcutta. According to the instructions given by the Superintendent of Victoria Gardens, it was planted, but it did not grow, hence no experiments could be carried out as to its merits. The Superintendent, Botanical Gardens, Saharanpur, who was also requested to send the plant stated that this plant does not grow there but is common in Far East and South.

A swab for Diphtheria was sent in for examination by a Medical man, and virulent Diphtheria bacilli having been detected in it, the Deputy Health Officer, A Ward, was enabled to move in the matter immediately.

Several cases of Diarrhœa occurred in a Parsi family at Grant Road after eating sweetmeats purchased from a shop at Grant Road; six different kinds of sweetmeats were collected from the shop and were examined both bacteriologically and chemically: Ptomaine poison was found to be present in the sweetmeats prepared from milk.

Dr. Gilbert J. Fowler was deputed to report on the Sewage purification works at Malabar Hill: Special analysis of eleven samples was carried out as desired by him.

A sample of collidal copper was sent by the Medical Officer, Maratha Hospital, which was examined both bacteriologically and chemically with the result that it had no bactericidal power and after leaving the bottle open in the Office, a black fungus was seen to grow on it.

7,507 tins of Laboratory Rat Poison were prepared during the year which, with balance of 663 tins of rat poison in hand on 1-1-1909 made a total of 8,170; out of these 7,025 tins were issued leaving a balance of 1,145 on 1-1-1910.

I have the honour to be
Sir,
Your most obedient servant,
B. P. GHADIALLY,
Municipal Analyst.

MUNICIPAL LABORATORY.
29*th March* 1910.

STATEMENT SHOWING THE NUMBER OF SAMPLES OF WATERS EXAMINED FOR MICROBES PER C.C., PATHOGENIC MICROBES AND FOR THE IDENTIFICATION OF MOSQUITO LARVÆ DURING THE YEAR 1909.

Name of the party sending.	Tested For							
	No. of Microbes per c.c.	Cholera.	Enteric.	Gartners.	B. Coli.	B Enteritidis Sporogenisis.	Mosquito Larvæ.	Total.
Deputy Executive Engineer, Water Works	194	194	194	194	194	194	.....	1,164
Executive Health Officer	.....	8	.....	.....	.....	.....	141	149
Deputy Health Officer, A Ward	.....	6	.....	.....	.....	.....	23	29
Do. B „	.....	16	1	.....	.....	.....	1	18
Do. C „	.....	11	.....	.....	.....	.....	2	13
Do. D „	.....	1	1	.....	.....	.....	174	176
Do. E „	.....	8	.....	.....	.....	.....	31	39
Do. F „	.....	24	.....	.....	.....	.....	9	33
Do. G „	.....	62	10	.....	.....	.....	77	149
Total ...	194	330	206	194	194	194	458	1,770

STATEMENT SHOWING THE NUMBER OF ARTICLES EXAMINED BACTERIOLOGICALLY, OTHER THAN WATERS, DURING THE YEAR 1909.

Name of party sending samples.	Urine for Gonorrhœa.	Vaccine.	Milk for Cholera.	Sputum for Tubercle.	Cooper's Fluid.	Milk for Typhoid.	Urine for Tubercle.	Pus for Gonorrhœa.	Blood for Malaria.	Blood for Relapsing Fever.	Blood for Plague.	Pus for Tubercle.	Sputum for Plague.	Sputum for Pneumonia.	Smears from Stool for Cholera.	Cream for Cholera.	Curds for Cholera.	Butter Milk for Cholera.	Iral Powder.	Iral Fluid.	Butter for Cholera.	Blood for Septic Hæmorrhagica.	Milk for testing Sterility.	Semen for Spermatozoa.	Soda for Cholera.	Soda water for B. Coli.	Soda water for Microbes per c.c.	Vaginal discharge for Gonorrhœa.	Vaginal discharge for Tubercle.	Preparing Vaccine.	Soda water for Enteric.	Sweetmeat for Cholera.	Swab for Diphtheria.	Colloidal Copper.	Blood for Enteric.	Fœces for Ankylostoma Duodenalis.	Total.
Private	13	...	...	81*	...	...	7	12	8	...	...	1	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	1	...	...	1	...	1	1	131
Deputy Health Officer, A Ward ...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Do. B Ward ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Do. C Ward ...	...	...	2	1	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	1	...	...	...	1	...	...	...	...	...	10
Do. D Ward ...	...	...	...	...	...	1	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	11
Do. E Ward ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	5
Do. F Ward ...	...	...	...	...	...	...	...	...	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	1	..	...	...	...	...	41
Do. G Ward ...	...	...	4	...	...	3	...	...	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31
Executive Health Officer	...	...	1	...	1	...	...	...	4	4	4	...	2	1	...	1	1	1	4	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	29
Medical Officer, Maratl aHospital.	...	...	...	...	...	...	...	...	3	4	8	...	2	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	1	...	...	18
Veterinary Inspector	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
Superintendent of Vaccination ...	...	977	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	977
Total ...	13	977	7	82	1	6	7	12	80	12	12	1	4	3	1	2	1	1	4	4	1	10	1	1	3	3	3	1	1	1	2	6	1	1	1	1	1,267

* Out of these 8 were for Dr. Bahadurji's Sanitarium.

STATEMENT SHOWING THE NUMBER OF SAMPLES OF WATERS EXAMINED FOR PATHOGENIC MICROBES AND IN WHICH THE SAME WERE DETECTED DURING THE YEAR 1909.

Cholera.		Enteric.		Gartners.		B. Coli.		B. Enteritidis Sporogenisis.	
No. of Samples Examined for.	No. of Samples in which detected.	No. of Samples Examined for.	No. of Samples in which detected.	No. of Samples Examined for.	No. of Samples in which detected.	No. of Samples Examined for.	No. of Samples in which detected.	No. of Samples Examined for.	No. of Samples in which detected.
330	23	206	Nil	194	Nil	194	194	194	Nil

STATEMENT SHOWING THE NAMES AND NUMBER OF ARTICLES EXAMINED CHEMICALLY DURING THE YEAR 1909.

Name of the Party sending samples.	Milk.	Cream.	Butter.	Ghee.	Oil.	Water.	Bombay waters.	Well water.	Tank water.	Storage tank water.	Sodawater.	Liquor.	Vinegar.	Urine.	Flours.	Coffee.	Tea.	Soap.	Grain.	Calculus.	Sugar.	Bread.	Sulphur.	Mud.	Stone.	Kerosine oil.	Sewage.	Biscuit.	Lemonade.	Sweetmeat.	Toddy.	Mutton.	Colloidal copper.	Lime.	Stool for blood cells.	Total.
Executive Health Officer ...	...	...	...	6	...	...	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	11	...	...	...	...	...	...	...	...	25
Municipal Analyst	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Deputy Health Officer, A Ward.	90	...	...	7	7	...	...	1	...	...	...	...	...	...	26	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	132
Do. B „	43	...	...	...	...	...	...	28	...	...	...	...	...	...	5	...	...	...	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	95
Do. C „	60	2	8	9	5	...	...	22	...	...	4	...	...	...	19	1	5	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	138
Do. D „	46	2	4	6	1	...	1	15	...	1	3	1	...	...	5	3	1	...	...	...	1	4	...	...	...	...	...	...	1	6	...	...	...	...	...	101
Do. E „	21	...	...	4	1	...	...	60	1	...	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91
Do. F „	83	...	3	1	3	...	...	5	...	...	1	1	2	...	10	5	5	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	123
Do. G „	73	...	1	5	3	...	...	4	2	...	1	1	2	...	8	3	4	2	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	112
Medical Officer, Maratha Hospital	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3
Deputy Executive Engineer, Water-Works	...	...	...	...	...	...	303	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	303
Market Superintendent.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Private	...	...	...	...	...	6	...	7	...	...	...	...	...	908	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	924
Total ...	421	4	16	38	20	6	306	143	3	1	12	3	4	909	73	14	16	5	19	1	2	5	1	1	1	1	11	3	2	6	1	1	1	1	1	2,052

STATEMENT SHOWING THE NUMBER OF MILK SAMPLES EXAMINED IN THE MUNICIPAL LABORATORY DURING THE YEAR 1909.

NAMES OF PARTIES SENDING.	Genuine.	Watered.	Suspicious.	Skim milk.	Cream added and Watered.	Clotted and unfit.	Total.
Deputy Health Officer, A Ward.	20	64	1	1	...	4	90
Do. B Ward.	8	33	1	...	...	1	43
Do. C Ward.	8	50	1	...	1	...	60
Do. D Ward.	6	38	2	...	...	...	46
Do. E Ward.	3	16	...	...	2	...	21
Do. F Ward.	14	65	...	...	3	1	83
Do. G Ward.	2	70	...	...	...	1	73
Municipal Analyst	2	1	...	1	...	...	4
Medical Officer, Maratha Hospital...	...	1	...	...	...	...	1
Total ...	63	338	5	2	6	7	421

STATEMENT SHOWING THE NUMBER OF GHEE SAMPLES EXAMINED IN THE MUNICIPAL LABORATORY DURING THE YEAR 1909.

NAMES OF PARTIES SENDING.	Genuine.	Not genuine.	Suspicious.	Total.
Executive Health Officer	3	3	.....	6
Deputy Health Officer, A Ward... ...	5	1	1	7
Do. B Ward	.....	.....	.....	.....
Do. C Ward	8	1	.....	9
Do. D Ward	6	.....	.....	6
Do. E Ward	4	.....	.....	4
Do. F Ward	1	.....	.....	1
Do. G Ward	3	1	1	5
Total ...	30	6	2	38

STATEMENT OF WELL-WATERS EXAMINED CHEMICALLY IN THE MUNICIPAL LABORATORY DURING THE YEAR 1909.

Serial No.	Received from.	Well at	Fit or unfit for Potable purposes.
1	Deputy Health Officer, C Ward ...	House No. 14, Santok Lane	
2	Do. do. C do. ...	Rear of house No. 201 Cavel Street	
3	Do. do. D do. ...	No. 74, Mugbhat Cross Lane	
4	Do. do. B do. ...	No. 408, Shaik Memon Street	
5	Do. do. D do. ...	10—11, Damar Lane	
6	Do. do. C do. ...	118, Dadisett Agiari Street	
7	Do. do. C do. ...	74—76, 3rd Bhoiwada	
8	Do. do. B do. ...	15—19, Kazi Sayad Street	
9	Do. do. C do. ...	35 & 39, 3rd Marine Street	Unfit.
10	Do. do. C do. ...	40—46, Kolbhat Street	
11	Do. do. B do. ...	17, Bhandari Street	
12	Do. do. E do. ...	659, Tardeo Road, Mahaluxmi Southwest corner	
13	Do. do. C do ...	41, 3rd Bhoiwada Cross Lane	
14	Do. do. B do. ...	1, Damar Lane	
15	Do. do. C do. ...	18, Trinity Street	
16	Do. do. E do. ...	655, Tardeo Road, Mahaluxmi	
17	Do. do. D do. ...	1, Gamdevi	Fit.
18	Do. do. E do. ...	693, Tardeo Road	
19	Do. do. E do. ...	9—11, Arthur Road	
20	Do. do. C do. ...	513, (6) Girgaum Road	Unfit.
21	Do. do. B do. ...	Well No. 2, 575, Dongri Street	
22	Do. do. B do. ...	575, Dongri Street	
23	Sub. Divisional Officer, Khandwa ...	Khandwa, Water Works, Rameshwar Well ...	Fit.
24	Deputy Health Officer, G Ward ...	Mahim Bazar Road, Owner Cashinath Vishvanath	Unfit.
25	Do. do. B do. ...	2—4, Garibdas Street	Suspicious.
26	Do. do. D do. ...	18, Khotwadi, 9th Lane	
27	Do. do. E do. ...	20, Mount Road	
28	Do. do. E do. ...	243, 243 A B C, Grant Road	
29	Do. do. F do. ...	Opposite Naigaon Fire Brigade Station, Vincent Road	Unfit.
30	Do. do. C do. ...	41—45, Sonapur Street Compound	
31	Do. do. C do. ...	118, Dadisett Agiari Street	
32	Do. do. D do. ...	18, 8th Lane Khotwadi	
33	Do. do. G do. ...	D'Monte's Wadi Brahman Heath Camp, Portuguese Church Road	Fit.
34	Do. do. E do. ...	North-West corner of compound 906—908, Parel Road	
35	Do. do. E do. ...	In the center compound 906—908, Parel Road.	
36	Do. do. C do. ...	West of house No. 201, Cavel Street	Unfit.
37	Do. do. E do. ...	735, Tardeo Road, Mahaluxmi	
38	Do. do. A do. ...	5A, Frere Road	

STATEMENT OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1909—*contd.*

Serial No.	Received from.	Well at	Fit or unfit for Potable purposes.
39	Deputy Health Officer, B Ward ...	343—347, Abdul Rehman Street	
40	Health Officer	Matharpakadi	
41	Deputy Health Officer, D Ward ...	488, Girgaum Road	
42	Do. do. G do. ...	Mahim Police Quarters, 52, Mahim Custom Road	
43	Do. do. C do. ...	Backyard of house No. 41, 3rd Bhoivada Cross Lane	
44	Do. do. B do. ...	35—37, Isaji Street	
45	Idar State	For Ruchka, near Bunglow Canal	
46	Do.	Near Canal Bunglow on Berna Side	
47	Do.	Garden well, Ahamadnagar	
48	Do.	Pahanpur Stepwell	
49	Deputy Health Officer, B Ward ...	15—19, Kazi Sayad Street	
50	Do. do. D do. ...	1, Gamdevi Road	
51	Do. do. B do. ...	381, Kalbadevi Road	
52	Do. do. E do. ...	12, Tank Bunder Road	
53	Do. do. E do. ...	18, Clare Road	
54	Do. do. E do. ...	8, Mazagaon Road	
55	Do. do. B do. ...	105, Ghorapdev Road	Unfit.
56	Do. do. D do. ...	18, 9th Lane Khetwadi	
57	Do. do. E do. ...	15—19, Stable Street, Kamatipura	
58	Do. do. E do. ...	18, Clare Road	
59	Do. do. E do. ...	20, Mount Road, Mazagoan	
60	Do. do. E do. ...	12, Victoria Road	
61	Do. do. E do. ...	2—4, Dockyard Road	
62	Do. do. E do. ...	North of Chali, 14 Belvedere Hill Road ...	
63	Do. do. E do. ...	1, Hansraj Lane, Byculla	
64	Do. do. B do. ...	7—9, Hansraj Lane, Byculla	
65	Do. do. E do. ...	517—543, Duncan Road...	
66	Do. do. B do. ...	37, Babula Tank Road	
67	Do. do. B do. ...	48, Picket Road	
68	Do. do. B do. ...	103, Parel Road	
69	Do. do. F do. ...	In the Compound of Mr. Dastur, 582, Naigam Road, Dadar	
70	Do. do. B do. ...	35—37, Isaji Street	
71	Do. do. B do. ...	55, Sham Shet Street	
72	Do. do. B do. ...	2—10, Garibdas Street	Fit.
73	Do. do. G do. ...	366, Lady Jamshedji Road, owner Bapuji Palanji Doctor	
74	Do. do. F do. ...	18, Elphinstone Road	Unfit.
75	Do. do. B do. ...	381, Kalbadevi Road	
76	Do. do. F do. ...	927, Matunga, Maharvada	

STATEMENT OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1909—*contd.*

No.	Received from	Well at	Remarks.
77	Deputy Health Officer, C Ward ...	Between houses Nos. 117 and 116, Girgaum Road	
78	Do. do. C do. ...	5, Hargovan Desai's Wadi	
79	Do. do. B do. ...	Champa Galli, and Champa Cross Lane ...	
80	Do. do. E do. ...	North of house No. 14, Belvedere Hill Road ...	
81	Do. do. E do. ...	10, Sleater Road	Unfit.
82	Do. do. D do. ...	14, Thakurdwar Road	
83	Do. do. E do. ...	74, Gilder Street	
84	Do. do. E do. ...	12, Victoria Road	
85	Do. do. E do. ...	23, Mount Road	
86	Do. do. E do. ...	18, Clare Road	
87	Do. do. E do. ...	203, Grant Road	Could not be analysed as it was a very thick fluid smelling of kerosine oil.
88	Do. do. E do. ...	8, Mazagon Road...	
89	Do. do. E do. ...	20, Mount Road	
90	Do. do. E do. ...	On the North-West corner of compound No. 55, Tardeo Road	
91	Do. do. E do. ...	107—109, Tardeo Road	
92	Do. do. B do. ...	381, Kalbadevi Road	
93	Do. do. D do. ...	Between Nos. 32 and 32A Churney Road ...	
94	Do. do. D do. ...	35, Mugbhat Cross Lane	
95	Do. do. E do. ...	105, Ghorapdev Road	
96	Do. do. E do. ...	20, Mazagon Road	Unfit.
97	Do. do. E do. ...	1, D'Lima Street, Mazagon Road	
98	Do. do. E do. ...	689, 1, 6, Tardeo Road	
99	Do. do. E do. ...	735, Tardeo Road	
100	Do. do. E do. ...	691, do. do.	
101	Do. do. E do. ...	5, Victoria 3rd Cross Lane	
102	Do. do. B do. ...	480—482, Shaik Memon Street	
103	Do. do. B do. ...	460—464, Shaik Memon Street...	
104	Do. do. B do. ...	25—29, Kazi Sayad Street	Fit.
105	Do. do. E do. ...	180—190, Parel Road	
106	Do. do. E do. ...	14, Mazagon Road	
107	Do. do. E do. ...	Previous of Dawoodbhai Jarivala, Nesbit Cross Lane	
108	Do. do. E do. ...	9—11, Arthur Road	
109	Do. do. C do. ...	The junction of Khotwadi Main Road and 1, Carpenter Street	Unfit.
110	Do. do. F do. ...	On the North of the water fountain in Vadala Village	
111	Do. do. C do. ...	16, Anant Wadi	
112	Mr. Shapurji Adarji	Locality not given	
113	Deputy Health Officer, D Ward ...	4, Thakurdwar Road	

STATEMENT OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1909—*concld.*

Serial No.	Received from.	Well at	Fit or unfit for Potable purposes.
114	Deputy Health Officer, B Ward ...	37, Babulla Tank Road	Unfit.
115	Do. do. C do. ...	10, Sonapur Street	
116	Do. do. B do. ...	44—54, Masjid Bunder Road	
117	Do. do. E do. ...	99—110, Sankli Street	
118	Do. do. E do. ...	693, Tardeo Road, Mahaluxmi	
119	Do. do. E do. ...	504A do. do.	
120	Do. do. E do. ...	10—18, Nesbit Road, Mazagon, Jarivala Premises	
121	Do. do. C do. ...	Sonapur II Cross Lane, opposite house No. 3 ...	
122	Do. do. B do. ...	At the Back of house No. 15, Shaik Memon Street	
123	Do. do. B do. ...	Champawadi	
124	Mr. M. A. Vakil	No Label	Fit.
125	Deputy Health Officer, E Ward ...	517—543, Duncan Road...	Unfit.
126	Do. do. B do. ...	55, Shamshet Street	
127	Do. do. E do. ...	176—178, D'Lisle Road	
128	Do. do. E do. ...	7—9, Hansraj Lane	
129	Do. do. C do. ...	Hargovan Desai's Vadi, 5 Kumbhartukda Lane.	
130	Do. do. C do. ...	Angre's Vadi, 224—236, Kalbadevi Road ...	
131	Do. do. B do. ...	35—37, Isaji Street	
132	Do. do. E do. ...	1, 2, 3, 14, Wari Bunder Road	
133	Do. do. E do. ...	2—4, Dockyard Road	
134	Do. do. E do. ...	6—8, Do. do.	
135	Do. do. D do. ...	96, Khetwadi Back Road	
136	Do. do. E do. ...	679, Tardeo Road	
137	Do. do. E do. ...	416, Parel Road	
138	Do. do. D do. ...	16, Khetwadi 12th Lane	
139	Do. do. E do. ...	1, Hansraj Lane, Byculla	
140	Do. do. E do. ...	In the North-West corner of 6—8 Mazagon Road	
141	Do. do. E do. ...	15—19, Stable Street, Kamatipura	
142	Do. do. E do. ...	441, Falkland Road	
143	Do. do. C do. ...	34, Girgaum Road...	

Annual Report of the Vaccination Department for 1909.

At the outset it should be observed that the Annual Reports on Vaccination in the City of Bombay were till the last year made out according to the Official year; and that this is the first year when the Report is prepared according to the Calendar year. The figures for the previous years are also given according to calendar years for the sake of comparison. The Vaccination Department in Bombay was formally transferred to the Bombay Municipality on the 1st of March 1909, as per Government Notification No. 800, dated 9th February 1909, Judicial Department, and since then the designation of the Superintendent of Vaccination, Presidency Circle, has been changed into Superintendent of Vaccination, Health Department, Bombay.

Strength of the Establishment.

Superintendent—Dr. Janarden Shanker Nerurker, B. Sc., L. M. & S., who took charge,—on behalf of the Bombay Municipality—from Dr. Ardesar Manekji Dotivala,—on behalf of Government, on 1st March 1909 before office hours.

One Assistant Superintendent, one Head Vaccinator, 8 Public Vaccinators, 5 Clerks, 17 Karkoons, 3 Peons and 15 Coolies.

There are 12 public Vaccine Stations in different parts of the City: each Station is open for work only once a week, two Stations working every morning.

The Kalbadevi Vaccine Station and the Parel Central Vaccine Depot are open for work from 2 to 5 P.M. on week days. The former is also kept open morning and evening on Sundays for the convenience of the people.

Children successfully Vaccinated.

2. Number of children successfully vaccinated during the year as compared with that of the previous year.

DEPARTMENT.	Years.	Children successfully Vaccinated.		Births returned as registered from 1st Oct. 1908 to 30th Sept. 1909.	Deaths among children under 1 year from 1st Oct. 1908 to 30th Sept. 1909.	Children available for Vaccination.
		Under 1 year.	Between 1 and 6 years.			
Bombay City	1908	13,411	3,253	20,166	9,077	11,089
	1909	13,208	3,003	19,769	8,176	11,593

Primary Vaccinations.

3. Table showing the number of persons primarily vaccinated as well as the increase or decrease for each of the last ten years.

Persons Primarily Vaccinated.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Number	15,227	13,757	14,072	15,010	17,545	18,777	17,086	16,720	19,122	18,447
Increase	...	...	315	938	2,535	1,232	...	...	2,402	...
Decrease	...	1,470	...	...	...	...	1,691	366	...	675

Percentage of success in Primary Vaccinations.

4. The number of persons primarily vaccinated together with their successful cases and the percentage of success for each of the last ten years is given in the following table.

Primary Vaccinations.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
No. Vaccinated ...	15,227	13,757	14,072	15,010	17,545	18,777	17,086	16,720	19,122	18,447
No. Successful ...	13,404	12,683	12,692	13,238	15,994	15,952	15,719	15,355	16,801	16,336
Percentage of Success.	88·03	92·19	90·19	88·19	91·16	84·95	92·00	91·84	87·86	88·56

After deducting the "Unknown" cases the percentage of success comes to 98·23.

Statement showing the number of successful, unsuccessful and "Unknown" cases under the different age periods during the year under report.

Under one year.			Between one & six years.			Above 6 years.			Total Results.		
Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.
13,208	236	1,126	3,003	87	478	125	7	213	16,336	330	1,817

Re-vaccination.

5. The following table shows the number of persons re-vaccinated with the successful cases among them and the percentage of success for the last ten years.

Re-vaccination.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
No. Re-vaccinated ...	33,806	3,205	2,300	4,948	3,854	20,571	1,744	1,282	4,633	10,669
No. Successful ...	2,896	610	363	726	289	780	178	85	257	116
Percentage of Success	8·57	19·03	15·78	14·67	7·50	3·79	10·21	6·63	5·55	1·09

Excluding the "Unknown" cases as in Primary Vaccinations the percentage of success comes to 29·90.

Total Operations.

6. The number of persons primarily vaccinated and re-vaccinated with the successful cases among them and the percentage of success in each of the last ten years is given below.

Total Operations.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
No. Vaccinated ...	49,033	16,962	16,372	19,958	21,399	39,348	18,830	18,002	23,755	29,116
No. Successful ...	16,300	13,293	13,055	13,964	16,283	16,732	15,897	15,440	17,058	16,452
Percentage of Success	33·24	78·37	79·74	69·97	76·09	42·52	84·42	85·77	71·80	56·50

Total Operations during the last two years.

7 The table below shows the number of persons primarily vaccinated and re-vaccinated during the last two years, together with their totals and the percentage of increase or decrease.

DEPARTMENT.	Persons Primarily Vaccinated.			Persons re-vaccinated.			Total Number of persons operated upon.		
	1908	1909	— Decrease	1908	1909	+ Increase	1908	1909	+ Increase.
Vaccination, Bombay	19,122	18,447	675	4,633	10,669	6,036	23,755	29,116	5,361
Percentage	...	...	3·53	...	...	130·28	...	...	22·57

Vaccinations in Jails, &c.

8 The following table shows the Vaccinations performed by Local Medical Practitioners, the District Registrars and the Medical Officers in charge of two Jails and the Colaba Lunatic Asylum.

	Primary Vaccinations.							Re-vaccinations.		
				Successful.						
	Males.	Females	Total.	Under 1 year.	Between 1 & 6 years.	Total of all ages.	Unknown.	Total.	Successful.	Unknown.
District Registrar ...	2	4	6	5	...	5	1	48	24	19
Local Medical Practitioner	1	3	4	4	...	4	...	...	...	...
The two Jails ...	...	...	...	...	...	...	...	62	35	...
Colaba L. Asylum ...	...	...	...	...	...	...	...	...	...	...

9 Table showing the particulars of Primary Vaccinations and Revaccinations verified by Inspecting Officers. Inspections.

DISTRICT.	Total Number of Persons Vaccinated.		Total Number Inspected.				Percentage of Inspection to Total Number Vaccinated.				Percentage of cases found successful to total number inspected.				Percentage of success reported by the Vaccinators.	
			By the Supdt.		By the Asstt. Supdt. and the Head Vaccinator.		By the Supdt.		By the Asstt. Supdt. and the Head Vaccinator.		By the Supdt.		By the Asstt. Supdt. and the Head Vaccinator.			
	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.
Bombay Town	18,447	10,669	3,818	80	12,248	80	20·69	·75	66·40	75	99·71	41·25	98·60	41·25	88·56	1·09

10 The following table shows the number of children successfully vaccinated under one year old and the total number of successful Primary Vaccinations, together with their ratios per mille of population. Rates per mille of population.

CIRCLE.	Population of 1906 (Municipal census.)	Children successfully vaccinated primarily under 1 year	Ratio per mille of Population.	Persons successfully vaccinated primarily under all ages.	Ratio per mille of Population.	REMARKS.
Bombay Town ...	977,822	13,208	13·51	16,336	16·70	

11 The table given below shows the details of Animal Vaccination during the year under report. Animal Vaccination.

CIRCLE.	Calves inoculated.	Calves rejected.	Calves Supplied to Municipalities.	Calves used by the Department.	Sex.		No. of calves scraped for Emulsion.	Calves used for calf to arm.
					Males.	Females.		
Bombay Town ...	320	21	Nil.	299	92	228	154	145

12 The following table shows the number of calves inoculated by months and the number of them rejected after inoculation on account of sickness during the year. Calves inoculated.

HEIFERS.	1909.												Total.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
No. Inoculated ...	31	29	47	37	25	19	24	21	18	17	20	32	320
No. Successful ...	29	29	40	29	23	18	24	21	18	17	20	31	299
No. Unsuccessful ...	2	...	3	2	2	...	...	...	...	...	...	...	9
No. rejected after inoculation owing to sickness	...	...	4	6	...	1	...	...	...	...	...	...	12

13 The following table shows the amount of expenditure during the year under report as compared with that of the year preceding. Expenditure.

ESTABLISHMENT.	Total Expenditure.		+ Increase. — Decrease.
	1908.	1909.	
Municipal	22,085 9 2	23,171 5 11	+1,085 12 9
Total Rs....	22,085 9 2	23,171 5 11	+1,085 12 9

Cost of each successful case.

14 The cost of each successful case including all charges was Re. 1-6-6 against Re. 1-5-5 in the preceding year. If the amount realized by the sale of lymph during the year under report *viz.*, Rs. 6,193-2-0 were deducted from the total expenditure, the cost of each successful case would be Re. 1-0-6.

If calculated on the total number of Vaccinations done, both Primary and Secondary, after deducting the amount realised by the sale of lymph, the cost of each operation comes to 9 annas 4 pies only.

Postponement.

15. During the year under report 222 certificates of postponement of vaccination of children were issued. In 213 cases the certificates of postponement were given by the Local Medical Practitioners and in 9 cases by the Department.

Prosecutions.

16. There were no prosecutions during the year either for neglect of vaccination or for neglect of inspection of the result.

The amount realized by the sale of Vaccine.

17 The amount realized by the sale of Vaccine during the year was Rs. 6,193-2-0 against Rs. 3,116-4-0 in the year preceding.

Work done from different kinds of lymph.

18. The following table shows the different kinds of lymph used, the work performed with each kind and the comparative results obtained during the year 1909.

KINDS OF LYMPH USED.	Number of Operations.		Successful Cases excluding the "Unknown."		Percentage of Success excluding the "Unknown."	
(*a*) Human	Nil.		...	...	...	...
(*b*) Animal	3,775	1,178	3,484	47	99·32	36·15
(*c*) Glycerinated	14,672	9,491	12,852	69	97·94	26·74
Total ...	18,447	10,669	16,336	116	98·23	29·90

Practical Instructions in Animal Vaccination.

19 During the year under Report, 6 Military Medical pupils attended the different Public Vaccine Stations in the city and were awarded certificates of qualification in Vaccination. Under instructions from the Health Officer two Nurses in the Municipal Service were also taught Vaccination.

Small-pox.

20 The statement below shows the number of deaths from Small-pox by months during the year.

CIRCLE.	1909.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Town of Bombay ...	40	64	91	78	70	37	21	15	5	5	11	36	473

The number of deaths from Small-pox in December 1908 was 14; and it will be seen from the above statement that it suddenly rose to 40 in January 1909, and continued to increase till the end of March. This increase was mainly due to the large number of imported cases from Jeddah during the Pilgrim Season. As soon as the arrival of any Pilgrim Ships with cases of Small-pox on board was announced by the Health Officer of the Port of Bombay, a staff of Vaccinators was sent to those ships for offering vaccination to the Pilgrims. And as a consequence 3,972 persons were vaccinated. From April the figures began to decline till they dwindled to 5 in September, the decline being slow during the 2nd quarter (hot season) and rapid during the 3rd quarter (rainy season). Then again the figure rose to 36 at the close of the year.

The localities most affected were Worli (62), Umerkhadi (45), Dhobitalao (37), Kumbharwada (27), Mazgaon (24), Parel (24), Girgaun (20), Fanaswadi (19), Byculla (19), Sion (19) and Bhuleshwar (17).

Vaccinators were as usual sent to the affected localities for vaccinating the contacts and the "Unprotected."

21. No serious ill effects following vaccination were observed or brought to notice during the year under report.

22. The following table shows the number of children successfully vaccinated during the year as compared with that in the year preceding in the Vaccination Circles of Bandra and Kurla.

VACCINATION CIRCLES.	Population according to the Census of 1901.	Years.	Children Successfully Vaccinated.		Births registered from 1st Oct. 1908 to 30th Sept. 1909.	Deaths under one year.	Children available for Vaccination.
			Under 1 year.	Under 6 years.			
Bandra	21,364	1908	347	88	649	174	475
		1909	285	75	693	175	518
Kurla	14,829	1908	99	58	357	77	280
		1909	62	22	321	93	228

23. The table below shows the number of persons primarily vaccinated and re-vaccinated during the last two years together with their successful cases within the Bandra and Kurla Circles.

Circles.	Persons primarily Vaccinated.			Persons re-vaccinated.			Total number of persons operated upon.		
	1908.	1909.	Increase and Decrease.	1908.	1909.	Increase and Decrease.	1908.	1909.	Increase and Decrease.
Bandra	526	431	—95	5	4	—1	531	435	—96
Kurla	215	112	—103	2	...	—2	217	112	—105

25. During the year under report there were 8 deaths from Small-pox in the Bandra Circle and none in the Kurla Circle.

J. S. NERURKER,
Superintendent of Vaccination,
Health Department, Bombay.

BOMBAY, 24*th February*, 1910.

Report of the Maratha Plague Hospital for the year 1909.

I.—Administration.

1. There were no changes in the staff; during my absence on leave from 20th November 1909 to 19th January 1910 Dr. Contractor acted for me.

II.—General Statistics.

2. The total number of admissions was 650, as compared with 813 and 708 in 1908 and 1907 respectively.

3. The admissions from Plague numbered 608, as contrasted with 609 and 611 during the two years previous.

4. 42 patients were admitted for observation, of whom 7 died, 18 were transferred to the Arthur Road Hospital and 17 were discharged cured.

5. The case mortality-rate among the Plague patients was 80·26 per cent.—the highest recorded since 1902. It was due to an unusually large preponderance of septicæmic cases as demonstrated by the investigations of the Plague Research Commission. They found that 64 per cent. of the cases selected for observation, as fit for Serum treatment and controls from clinical signs, were septicæmic. That the great virulence of the affection has in no way abated or even kept pace with the large reduction in the total number of cases reported, is, once again brought out by the figures of the last epidemic, which show a total of 5,864 cases with 5,197 deaths, equivalent to a case mortality-rate of 88·6 per cent. The following table compares the incidence and mortality-rates from 1902, and shows how little the virulence of the disease has varied throughout the last seven epidemics:—

Table Showing the Incidence of Plague Attacks and Plague Deaths From 1902 to 1909.

Years.	Number of Plague Attacks.	Number of Plague Deaths.	Case Mortality-rate per cent.
1902	16,423	13,820	84·15
1903	23,344	20,788	89·00
1904	15,488	13,538	87·40
1905	16,308	14,198	87·06
1906	12,323	10,823	87·88
1907	7,353	6,389	86·88
1908	6,134	5,361	87·39
1909	5,864	5,197	88·62

IV.—The Plague Research Commission.

6. The inquiry into the Serum-therapy of Plague was resumed by the Commission during the epidemic. Owing to the large influx of unsuitable cases, it could not be commenced till the middle of March, and was continued up to 10th May. Including the observations made during the previous epidemic, the total number of cases studied was 168, 85 of whom were subjected to the serum treatment, and 83 were taken as controls. Other cases admitted during the above period were rejected as unfit as hitherto. As the Advisory Board for Plague Investigations in India did not consider the above observations sufficiently numerous or conclusive, it is intended to pursue the investigation further until 400 cases have been studied, and the inquiry will therefore be resumed during 1910. Under the above circumstances any discussion of the results obtained would be premature. All that need be stated here is that the data available indicate the broad lines along which the inquiry should be directed, as also the probability of the successful application of Serum-therapy in a certain class of Plague cases.

N. H. CHOKSY, M. D.,
Special Assistant Health Officer,
I/c. Maratha Hospital.

Maratha Hospital,
9th February 1910.

Report of the Arthur Road Infectious Diseases Hospital for the year 1909.

I.—Administration.

1. There were no changes in the staff. Dr. A. D. Contractor acted for me from 20th November 1909 to 19th January 1910 during my absence on privilege leave.

2. The construction of permanent quarters for the two resident nurses was begun at the latter end of the year.

II.—General Statistics.

3. The admissions numbered 1,056 as compared with 1,387 in 1908 and 817 in 1907.

The maximum number of patients present on any particular day was 105, as compared with 200 in 1908, and 68 in 1907.

4. Among the above admissions, there were 70 Hajees, 58 of whom were suffering from Small-pox, 9 from Cholera and 3 from General Diseases. The Nasik Pilgrims were responsible for 40 admissions, 33 of Cholera, and 7 of General Diseases.

5. The principal diseases concerned were:—(*a*) Small-pox, with 413 admissions as compared with 828 and 102 during the two previous years. (*b*) Cholera patients numbered 138, as compared with 22 and 101 as above. (*c*) Admissions from Relapsing Fever numbered 123 as contrasted with 180 and 380. (*d*) There were 28 admissions from Erysipelas as against 27 in 1908. The following statement indicates the number of admissions, deaths, recoveries and mortality-rates among all cases :—

DISEASES.	Number of admissions.	Deaths.	Recoveries.	Case mortality-rate per cent.
Small-pox	413	111	302	26·8
Chicken-pox	56	1	55	1·7
Measles	6	2	4	33·3
Cholera	138	85	53	61·6
Mumps	9	.....	9	.....
Relapsing Fever	123	54	69	43·9
Whooping Cough	4	.....	4	.....
Erysipelas	28	14	14	50·0
Plague...	14	4	.....*	.....
Observation Cases	265	65	200	24·5

* 10 transferred to the Maratha Hospital.

III.—Small-pox.

6. Small-pox prevailed throughout the whole year except during September. The admissions were as usual heaviest during February and March. The epidemic was not so severe as in 1908, and the number of vaccinated patients was about equal to that unvaccinated. The following statement compares the admissions and case mortality-rates during the preceding epidemics :—

Epidemic.	Admissions.	Case mortality-rate per cent.
1900	786	26·5
1903	673	28·5
1905	1,450	24·3
1908	826	30·3
1909	413	26·8

7. 58 Hajees were admitted for Small-pox, 16 died and 42 recovered. The mortality rate—27·5 per cent.—was not so high as in 1908 (46 per cent.) as many were semi-convalescent on admission.

8. There were 138 vaccinated cases as against 132 unvaccinated. The mortality-rate among the latter was 40·6 per cent. as compared with 14·3 in the former i.e. nearly three times as great. Mortality was very heavy among the unvaccinated Mahomedans and Christians, being 46·2 per cent.

IV—Cholera.

9. No alteration was made in the treatment of Cholera. The total number treated on the system now in vogue amounts to 681 cases with 369 deaths and 312 recoveries equivalent to the case mortality-rate of 54·1 per cent. and excluding 154 moribund patients of 40·7 per cent.

10. Among the 3 Hajees suffering from Cholera one died and two recovered. Of the 33 pilgrims from Nasik, 22 died and 11 recovered. Most of these patients were far advanced on admission and 8 were actually moribund.

N. H. CHOKSY, M.D.,
Special Assistant Health Officer,
I/c. Arthur Road Hospital.

Arthur Road Hospital,
9th February 1910.

Meteorological Data (Government Observatory, Colaba) Latitude 18° 53′ 45″ North, Longitude 72° 48′ 56″ East.

MONTHS.	Barometer.	Reading of Thermometer.					Mean Maximum Solar Radiation.	Difference between Dewpoint, Temperature and Mean Air Temperature.	Degree of Humidity, complete Saturation being 100.	Prevailing Direction of Wind.	Rainfall.		
	Mean Daily Readings.	Maximum.	Minimum.	Mean Daily Range.	Mean Daily Value.	Mean Daily Value.					Number of Days on which Rain fell.	Total Fall of Rain during the Month.	Maximum Fall of Rain.
1909.	in.	°	°	°	°		°	°				in.	in.
January	29·913	79·6	62·7	8·8	73·0		121·2	10·1	71	N. N. W.	.....	0·00	0·00
February	·905	83·0	66·1	9·5	74·8		124·2	9·5	73	N. N. W.	.....	0·00	0·00
March	·846	87·2	71·0	9·3	79·8		127·8	10·8	71	N. W.	.....	0·00	0·00
April	·804	90·1	73·9	8·5	82·2		131·4	9·4	74	W. N. W.	.....	00·0	0·00
May	·756	91·2	80·4	7·1	86·2		133·7	10·0	72	W	.....	00·0	0·00
June	·648	91·4	76·0	5·4	83·8		120·4	6·2	82	W. S. W.	23	16·68	3·10
July	·652	85·6	75·6	3·6	80·2		110·3	3·9	88	W. S. W.	30	31·37	4·07
August	·752	85·4	75·8	5·0	80·8		122·5	5·2	85	W.	22	7·82	1·33
September	·763	84·4	74·1	4·9	79·5		117·1	4·5	86	W.	25	15·35	3·17
October	·837	88·2	73·0	7·8	80·6		128·2	6·7	80	N. W.	.....	0·00	0·00
November	·885	88·1	69·4	10·6	79·5		129·9	10·7	70	N. N. E.	.....	0·00	0·00
December	·919	85·8	67·1	9·1	76·1		125·8	8·3	76	N.	.....	0·00	0·00

TABLE showing the population and the number of Births and the Birth-rate by Sex and Section in 1909.

1	2	3			4			5			6	7	8	9		
Ward.	SECTION.	Population according to the Census of 1906.			Number of Births registered.			Ratio of Births per 1,000 of population.			Number of male births to every 100 female births.	Excess of births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.	Mean ratio of births per 1,000 during the previous 5 years.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.				Males.	Females.	Total.
A	Upper Colaba	2,808	921	3,775	43	54	97	15·31	58·63	25·69	79·62	7·68	...	16·48	4·07	22·87
	Middle and Lower Colaba	10,064	5,246	15,310	130	157	287	12·91	29·92	18·75	82·80	...	17·50	15·94	25·81	15·14
	Fort South	3,170	774	3,944	4	10	14	1·26	12·91	3·54	40·00	...	15·21	6·38	19·55	8·94
	Fort North	17,269	11,509	28,778	251	274	525	14·53	23·80	18·24	91·60	...	17·65	19·94	29·38	23·74
	Esplanade...	7,747	3,268	11,015	80	74	154	10·31	22·64	13·89	108·10	...	47·66	13·37	27·06	17·45
B	Mandvi	23,211	14,947	38,158	226	216	442	9·73	14·45	11·58	104·62	...	22·72	16·20	23·35	19·17
	Chukla	18,882	10,480	29,362	288	281	569	15·25	26·81	19·37	102·49	...	17·61	19·42	31·75	23·96
	Umarkhadi	32,261	21,349	53,610	511	515	1,026	15·83	24·12	19·13	99·22	...	22·77	18·43	25·40	21·23
	Dongri	17,427	15,236	32,663	380	324	704	21·80	21·26	21·55	117·28	...	16·34	21·97	25·82	23·73
C	Market	24,334	10,771	35,305	175	184	359	7·13	17·08	10·16	95·10	...	17·78	10·44	21·48	13·94
	Dhobi Talao	22,778	13,816	36,594	357	347	704	15·67	25·11	19·23	102·88	...	18·82	17·14	25·66	20·42
	Fanaswadi	18,533	10,707	29,240	235	210	445	12·68	19·61	15·21	111·90	...	13·98	13·67	25·55	16·44
	Bhuleshwar	25,086	13,043	38,129	275	255	530	10·96	19·55	13·90	107·84	...	26·33	13·38	21·85	16·35
	Khara Talao	16,906	10,029	26,935	257	278	535	15·20	27·71	19·85	92·44	...	26·17	21·82	34·31	26·54
	Kumbharwada	20,738	12,046	32,784	318	272	590	15·33	22·58	17·99	116·91	...	14·18	17·00	24·54	19·87
D	Khetwadi	20,968	12,611	33,579	287	253	540	13·68	20·06	16·08	113·43	...	10·75	18·22	26·93	21·60
	Girgaum	17,388	11,061	28,449	209	210	419	12·01	18·98	14·72	99·52	...	20·35	16·24	23·42	19·03
	Chaupati	7,765	5,208	13,033	117	88	205	15·06	16·70	15·72	132·95	...	7·36	17·45	24·22	20·16
	Walkeshwar	8,448	4,237	12,685	93	78	171	11·00	18·40	13·48	120·16	·78	...	10·98	20·95	14·36
	Mahalakshmi	15,199	9,451	24,650	233	253	486	14·93	26·76	19·71	92·09	...	7·22	17·85	24·86	20·61
E	Mazagaon	18,481	12,391	30,872	378	376	754	20·45	30·34	24·42	100·53	...	16·39	21·77	30·32	25·22
	Tarwadi	16,439	9,839	26,278	393	360	753	23·90	36·58	28·65	109·16	...	25·03	23·98	36·61	28·68
	2nd Nagpada	13,102	8,914	22,016	263	244	507	20·07	27·37	23·02	148·77	...	27·25	23·52	31·41	26·83
	Kamathipura	21,109	15,375	36,484	409	408	817	19·37	26·53	22·39	100·24	...	23·90	24·60	29·93	26·86
	Tardeo	16,352	11,841	28,193	342	323	665	20·91	27·27	23·58	105·88	...	13·12	25·17	33·10	28·49
	Byculla	47,846	28,434	76,280	1,185	1,390	2,575	24·76	48·88	33·75	85·25	...	6·21	25·37	41·17	31·41
	1st Nagpada	2,237	1,098	3,335	53	46	99	23·69	41·89	29·68	115·21	...	25·48	8·79	12·25	10·10
F	Parel	28,774	18,186	46,960	526	495	1,021	18·28	27·21	21·74	106·26	...	9·09	19·30	27·83	22·60
	Sewri	9,655	6,330	15,985	202	194	396	20·93	30·64	24·77	104·12	...	16·94	20·78	29·01	24·04
	Sion	18,225	12,290	30,515	402	372	774	22·05	38·26	25·36	108·06	...	8·32	22·07	29·92	25·20
G	Mahim	18,203	12,975	31,178	441	363	804	24·22	27·97	25·78	121·48	...	8·94	26·83	32·33	29·12
	Worli	41,754	27,734	69,488	956	914	1,870	22·89	32·95	26·91	104·59	...	8·20	21·81	29·81	21·69
	Harbour, Docks, Railways and Homeless	29,606	2,634	32,240	1	1	2	·03	·37	·06	100·00	...	5·95	·06	·52	·11
	Total ...	617,935	334,811	977,852	10,020	9,819	19,839	16·34	26·91	20·28	101·04	...	15·38	18·32	28·37	22·10

* The sex of 46 children was not returned.

of Deaths and the Death-rate from some of the Principal Diseases by Sections in 1909.

6			7	8																9		
Number of deaths registered.			Number of deaths amongst males to every 100 deaths amongst females.	Death rate per 1,000 of population from																Mean Ratio of deaths per 1,000 during the previous 5 years.		
																All causes.						
Males.	Females.	Total.		Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric.	Other fevers.	Diarrhœa and Dysentery.	Tubercle.	Phthisis.	Other Respiratory Diseases.	Injuries.	All other causes.	Males.	Females.	Total.	Males.	Females.	Total.
48	20	68	240·00	·26	...	...	·79	1·05	·26	...	1·85	·52	·79	2·64	·52	9·27	17·09	21·71	18·01	19·72	28·10	21·83
298	257	555	115·95	·97	·19	·06	7·05	·45	·19	2·54	2·15	·71	1·89	9 34	1·03	9·60	29·61	48·98	36·25	46·29	47·72	42·93
56	18	74	311·11	·25	·50	...	2·53	·25	1·26	2·02	1·26	·50	1·01	3·04	·76	5·32	17·66	23·25	18·76	19·16	25·00	20·32
578	455	1,033	127·03	·90	·41	...	4·55	1·00	·17	3·95	2·36	·69	2·25	6 53	·90	12·12	33·47	39·53	35·89	43·07	49·56	46·05
464	215	679	215·81	1·63	·54	...	3·44	2·81	·27	10·89	5·90	1·81	3·26	12·43	3·99	14·60	59·89	65·78	61·64	57·05	57·24	57·02
797	512	1,309	155·66	·73	·23	...	5·52	·10	·07	2·46	1·07	·20	1·75	9·35	·65	12·10	34·33	34·25	34·30	52·97	60·92	56·15
618	470	1,088	131·48	·37	·40	·03	6·64	·10	·06	1·49	·91	·37	3·20	9·39	·74	13·28	32·83	44·84	37·05	45·41	62·51	51·77
1,262	985	2,247	128·12	·59	·83	·22	6·50	·76	·07	2·21	2·83	1·93	4·66	9·28	·52	11·43	39·11	46·13	41·91	49·84	61·17	54·40
699	539	1,238	129·68	·67	·33	·24	5·26	·70	...	2·66	2·63	1·16	2·75	9·27	·53	11·66	40·11	35·37	37·90	60·25	57·01	58·74
605	382	987	158·37	1·21	·42	...	4·31	·33	·02	1·95	1.50	·31	1·67	5·72	·48	9·48	24·65	35·46	27·95	37·63	49·44	41·41
844	549	1,393	153·73	1·17	1·01	·10	6·58	·27	·27	2·43	1·96	·65	1·58	9·34	·81	11·83	37·05	39·73	38·06	46·04	50·47	47·75
487	367	854	132·69	·95	·64	...	6·53	·10	·17	1·53	1·50	·27	1·23	6·70	·58	8·96	26·27	34·27	29·20	42·09	49·59	44·88
846	688	1,534	122·96	1·73	·44	...	6 53	·23	·05	2·30	2·57	·41	3·30	10·59	·60	11·14	33·72	52·74	40·23	47·69	62·54	52·90
702	538	1,240	130·48	·59	·51	·11	7·12	·40	...	2·22	3·56	·11	2·48	11·32	·44	17·11	41·52	53·64	46·03	54·56	72 89	61·51
614	441	1,055	139·22	1·43	·82	·09	5·49	...	...	·91	1·73	·12	2·44	8·66	·42	10·03	29·60	36·60	32·18	46·69	58·41	51·16
481	420	901	114·52	·59	·17	...	2·91	·11	·14	1·34	2·08	·41	1·36	7·02	·56	10·06	22 93	33·30	26·83	36·34	45·48	39·85
542	456	998	118·85	1·12	·70	...	4·04	·21	·31	2·13	1·86	·42	2·17	8·19	·45	13·42	31·17	41·22	35·08	40·80	50·66	44·36
160	141	301	113·47	1·15	·07	...	3·29	·15	·23	·76	1·68	·30	·56	4·68	·30	9·20	20 60	23·76	23·09	36·18	42·98	38·91
97	64	161	151·56	·23	...	...	·94	·23	...	·47	·39	·23	·39	3 31	·39	6·07	11·48	15·10	12·69	25·29	29·19	26·61
360	304	664	118·42	·32	·12	...	3·36	·20	·08	2·27	3·12	·16	1·82	5·39	·64	9·41	23·68	32·16	26·93	36·51	39·17	37·54
751	509	1,260	147·54	·71	·77	·06	7·48	·22	...	4·11	2·68	·16	1·35	9·13	·68	13·41	40 63	41·07	40·81	55·85	61·14	57·98
872	539	1,411	161·78	·34	·15	·15	4·75	·76	·22	5·17	6·35	1·44	2·09	11·41	3·69	17·12	53·04	54·78	53·69	69·12	83·71	74·64
575	532	1,107	108·08	·27	·22	·04	4·22	·09	...	4·49	4·67	·36	4·81	11·40	·63	19·03	43·88	59·68	50·28	58·68	74·43	65·14
891	798	1,689	111·65	·27	·32	·10	4·87	·10	...	4·35	3·06	·38	4·19	10·33	·63	17·63	42·20	51·90	46·29	64·50	71·24	67·35
572	463	1,035	123·54	·53	·14	·03	4·64	·10	·10	2·30	3·58	·31	3·08	8·19	·46	13·19	34·98	39·10	36·71	51·78	59 13	54·90
1,677	1,372	3,049	122·33	·61	·24	·02	6·75	·15	·05	2·51	3·86	·30	1·50	9·79	·47	13·06	35·04	48·25	39·97	51·99	69·42	58·65
122	62	184	196·77	2·39	·59	...	6·59	·89	·29	3·29	4·49	1·49	4·49	11·99	1·19	17·39	54·53	56·46	55·17	15 78	18·59	16·84
827	621	1,448	133·17	·61	·51	·08	4·34	·10	·06	2·11	2 57	·10	3·51	5·87	·44	10·07	28·74	34·14	30·83	41·94	53·55	46·44
323	248	571	130·24	·37	·50	...	9·00	·12	...	3·31	2·81	·12	2·81	6·81	·31	9·50	33·45	39·17	35·72	41·56	50·81	45·23
554	474	1,028	116·37	·65	·62	·19	4·32	·13	·06	1·35	2·35	·13	3·27	5·40	·58	13·56	30·39	38·56	33·68	41·49	47·23	43·77
613	470	1,083	130·42	·93	·38	·16	6·83	·12	...	·73	3·68	·09	2·30	8 78	·60	10·07	33·67	36·22	34·73	35·85	42·04	38·46
1,332	1,108	2,440	120·21	·51	·89	·20	5·94	·02	·16	2·12	3·12	·11	3·16	7·78	·54	10·59	31·90	39 95	35·11	46·08	57·59	50·74
188	6	194	...	·46	·58	...	·15	·52	·07	·86	·24	·13	·06	·58	1·11	1·11	6·85	2·27	6·01	4·81	3·28	4·67
19,855	15,073	31,978	135·13	·74	·48	·07	5·31	·29	·09	2·45	2·64	·45	2·48	8·15	·71	11·74	32·39	41·18	35·63	44·59	58·59	49·10

* Includes 46 persons whose sex was not returned.

TABLE of Deaths and the Death-rate from some of the Principal Diseases by Sections in 1909.

1	2	3	4	5			6			7	8														9		
				Population by the census of 1906.			Number of deaths registered.			Number of deaths to each 1,000 deaths amongst females.	Death rate per 1,000 of population from											All causes.			Mean Ratio of deaths per 1,000 during the previous 5 years.		
Ward.	SECTION.	Area in square miles.	Average number living during the calendar year to persons per house of 1906.	Males.	Females.	Total.	Males.	Females.	Total.		Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric.	Other fevers.	Diarrhœa and Dysentery.	Tubercle.	Phthisis.	Other Respiratory Diseases.	Injuries.	All other causes.	Males.	Females.	Total.	Males.	Females.	Total.
A	Upper Colaba	·22		17,159	2,808	921	*3,775	48	20	68	240·00	·26	...	...	·79	1·05	·26	...	1·85	·52	·79	2·64	·52	9·27	17·09	21·71	18·01	19·72	28·10	21·83
	Middle and Lower Colaba	·42		36,452	10,064	5,246	15,310	298	257	555	115·95	·97	·19	·06	7·05	·45	·19	2·54	2·15	·71	1·89	9 34	1·03	9·60	29·61	48·98	36·25	46·29	47·72	42·93
	Fort South	·21		18,780	3,170	774	3,944	56	18	74	311·11	·25	·50	...	2·53	·25	1·26	2·02	1·26	·50	1·01	3·04	·76	5·32	17·66	23·25	18·76	19·16	25·00	20·32
	Fort North	·21		137,638	17,209	11,569	28,778	578	455	1,033	127·03	·90	·41	...	4·55	1·00	·17	3·95	2·36	·69	2·25	6 53	·90	12·12	33·47	39·53	35·89	43·07	49·56	46·05
	Esplanade	1·04		10,591	7,747	3,268	11,015	464	215	679	215·81	1·63	·54	...	3·44	2·81	·27	10·89	5·90	1·81	3·26	12·43	3·99	14·60	59·89	65·78	61·64	57·05	57·24	57·02
B	Mandvi	·26		146,761	23,211	14,947	38,158	797	512	1,309	155·66	·73	·23	...	5·52	·10	·07	2·46	1·07	·20	1·75	9·35	·65	12·10	34·33	34·25	34·30	52·97	60·92	56·15
	Chakla	·08		367,925	18,882	10,480	29,362	618	470	1,088	131·48	·37	·40	·03	6·64	·10	·06	1·49	·91	·37	3·20	9 30	·74	13·28	32·83	44·84	37·05	45·41	62·51	51·77
	Umarkhadi	·16		335,062	32,261	21,349	53,610	1,262	985	2,247	128·12	·59	·83	·22	6·50	·76	·07	2·21	2·83	1·93	4·66	9·28	·52	11·43	39·11	46·13	41·91	49·84	61·17	54·40
	Dongri	·45		72,784	17,427	15,236	32,663	699	539	1,238	129·68	·67	·33	·24	5·26	·70	...	2·66	2·63	1·16	2·75	9·27	·53	11·66	40·11	35·37	37·90	60·25	57·01	58·74
C	Market	·14		252,178	24,534	10,771	35,305	605	382	987	158·37	1·21	·42	...	4·81	·33	·02	1·95	1·50	·31	1·67	5·72	·48	9·48	24·65	35·46	27·95	37·63	49·44	41·41
	Dhobi Talao	·16		128,712	22,778	13,816	36,594	844	549	1,393	153·78	1·17	1·01	·10	6·58	·27	·27	2·43	1·96	·65	1·58	9·34	·81	11·33	37·05	39·73	38·06	46·04	50·47	47·75
	Fanaswadi	·20		146,200	18,533	10,707	29,250	487	367	854	132·69	·95	·64	...	6·53	·10	·17	1·53	1·50	·27	1·23	6·70	·58	8·96	26·27	34·27	29·20	42·09	49·59	44·88
	Bhuleshwar	·12		317,741	25,086	13,043	38,129	846	688	1,534	122·96	1·73	·44	...	6 53	·23	·05	2·30	2·57	·41	3·30	10·59	·60	11·14	33·72	52·74	40·23	47·69	62·54	52·90
	Khara Talao	·07		384,785	16,966	10,029	26,995	702	538	1,240	130·48	·59	·51	·11	7·12	·40	...	2·22	3·56	·11	2·48	11·32	·44	17·11	41·52	53·64	46·03	54·56	72·89	61·51
	Khumbharwada	·07		408,342	20,738	12,046	32,784	614	441	1,055	139·22	1·43	·82	·09	5·49	...	...	·91	1·73	·12	2·44	8·66	·42	10·03	29·60	36·60	32·18	46·69	58·41	51·16
D	Khetwadi	·27		124,366	20,968	12,611	33,579	481	420	901	114·52	·59	·17	...	2·91	·11	·14	1·34	2·08	·41	1·36	7·02	·56	10·06	22 93	33·30	26·83	36·34	45·48	39·85
	Girgaum	·20		142,245	17,383	11,061	28,449	542	456	998	118·85	1·12	·70	...	4·04	·21	·31	2·13	1·86	·42	2·17	8·19	·45	13·42	31·17	41·22	35·08	40·80	50·66	44·36
	Chaupati	·17		76,664	7,765	5,268	13,033	160	141	301	113·47	1·15	·07	...	3·29	·15	·23	·76	1·68	·30	·56	4·68	·30	9·20	20 60	23·76	23·09	30·18	42·98	38·91
	Walkeshwar	·35		14,923	8,448	4,237	12,685	97	64	161	151·56	·23	...	...	·94	·23	...	·47	·39	·23	·39	3 31	·39	6·07	11·48	15·10	12·69	25·29	29·19	26·61
	Mahalakshmi	1·00		24,650	15,199	9,451	24,650	360	304	664	118·42	·32	·12	...	3·36	·20	·08	2·27	3·12	·16	1·82	5·39	·64	9·41	23·68	32·16	26·93	36·51	39·17	37·54
E	Mazagaon	·96		32,158	18,481	12,391	30,872	751	509	1,260	147·54	·71	·77	·06	7·48	·22	...	4·11	2·68	·16	1·35	9·13	·68	13·41	40 63	41·07	40·81	55·85	61·14	57·98
	Tarwadi	·75		25,037	16 430	9,939	26,278	872	539	1,411	161·78	·34	·15	·15	4·75	·76	·22	5·17	6·35	1·44	2·09	11·41	3·69	17·12	53·04	54·78	53·69	69·12	83·71	74·64
	2nd Nagpada	·05		440,320	13,102	8,914	22,016	575	532	1,107	108·08	·27	·22	·04	4·22	·09	...	4·49	4·67	·36	4·81	11·40	·63	19·03	43·88	50·68	50·28	58·68	74·43	65·14
	Kamathipura	·10		304,840	21,109	15,375	36,484	891	798	1,689	111·65	·27	·32	·10	4·87	·10	...	4·35	3·06	·38	4·19	10·33	·63	17·63	42·20	51·90	46·29	64·50	71·24	67·35
	Tardeo	·36		78,313	16,352	11,841	28,193	572	463	1,035	123·54	·53	·14	·03	4·64	·10	·10	2·30	3·53	·31	3·08	8·19	·46	13·19	34·98	39·10	36·71	51·78	59 13	54·90
	Byculla	·20		95,350	47,846	28,434	76,280	1,677	1,372	3,049	122·33	·61	·24	·02	6·75	·15	·05	2·51	3·86	·30	1·50	9·79	·47	13·66	35·04	48·25	39·97	51·99	69·42	58·65
	1st Nagpada	·05		66,700	2 237	1,098	3,335	122	62	184	196·77	2·39	·59	...	6·59	·89	·29	3·29	4·49	1·49	4·49	11·99	1·19	17·39	54·53	56·46	55·17	15·78	18·59	16·84
F	Parel	·86		54,604	28,774	18,186	46,960	827	621	1,448	133·17	·61	·51	·08	4·34	·10	·06	2·11	2 57	·10	3·51	5·87	·44	10·07	28·74	34·14	30·83	41·94	53·55	46·44
	Sewri	·70		27,835	9,655	6,330	15,985	323	248	571	130·24	·37	·50	...	9·00	·12	...	3·31	2·81	·12	2·81	6·81	·31	9·50	33·45	39·17	35·73	41·56	50·81	45·23
	Sion	6·66		4,581	18,225	12,290	30,515	554	474	1,028	116·37	·65	·62	·19	4·32	·13	·06	1·35	2·35	·13	3·27	5·40	·58	13·56	30·39	38·56	33·68	41·49	47·23	43·77
G	Mahim	2·01		15,511	18,203	12,975	31,178	613	470	1,083	130·42	·93	·38	·16	6·83	·12	...	·73	3·68	·09	2·30	8 78	·60	10·07	33·67	36·22	34·73	35·85	42·04	38·46
	Worli	2·84		24,467	41,754	27,734	69,488	1,332	1,108	2,440	120·21	·51	·89	·20	5·94	·02	·16	2·12	3·12	·11	3·16	7·78	·54	10·59	31·90	39·95	35·11	46·08	57·59	50·74
	Harbour, Docks, Railways and Homeless	...		...	20,606	2,634	32,240	188	6	194	...	·46	·58	...	·15	·52	·07	·86	·24	·12	·06	·58	1·11	1·11	6·85	2·27	6·01	4·81	3·28	4·67
	Total...	2·45		43,555	612,965	3,4,811	*977,822	19,855	15,0:3	31,873	135·15	·74	·43	07	5·31	·19	·09	2·45	2·34	·45	2·48	8·15	·71	11·74	35·39	41·18	35·63	44·59	55·59	49·10

* Includes 46 persons whose sex was not returned.

TABLE of Deaths registered by Section and Month in 1909.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ward	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total No. of deaths registered in 1909.
A	Upper Colaba	8	9	11	4	10	8	1	3	3	2	6	3	68
	Middle and Lower Colaba	44	40	49	68	61	32	47	64	47	33	33	37	555
	Fort South	2	7	9	8	11	6	3	5	3	4	12	4	74
	Fort North	90	86	134	119	93	64	59	73	71	80	74	90	1,033
	Esplanade	61	71	87	83	46	42	30	40	61	48	55	55	679
B	Mandvi	100	116	183	148	99	72	66	89	98	125	86	127	1,309
	Chukla	82	89	158	169	117	46	52	67	81	92	79	56	1,088
	Umarkhadi	174	176	320	298	211	128	160	150	122	152	192	164	2,247
	Dongri	113	104	165	133	99	66	87	101	101	96	87	86	1,238
C	Market	68	89	112	134	102	58	67	74	72	69	87	55	987
	Dhobi Talao	97	104	160	182	147	98	84	110	120	99	94	98	1,393
	Fanaswadi	49	83	93	135	97	51	64	49	50	54	58	71	854
	Bhuleshwar	124	129	166	199	168	99	97	149	110	98	94	101	1,534
	Khara Talao	99	101	177	180	109	82	84	70	85	83	96	74	1,240
	Kumbharwada	84	93	122	144	116	54	81	98	83	63	51	66	1,055
D	Khetwadi	50	68	101	119	105	56	63	80	77	73	56	53	901
	Girgaum	79	97	134	123	79	76	74	64	65	50	67	90	998
	Chowpati	32	26	34	40	34	9	16	27	19	23	26	15	301
	Walkeshwar	14	9	17	22	12	10	11	19	10	9	12	16	161
	Mahalakshmi	57	49	88	95	58	40	50	52	45	35	44	51	664
E	Mazagaon	111	116	187	188	110	71	72	78	92	66	76	93	1,260
	Tarwadi	108	138	191	129	134	100	101	95	100	104	94	117	1,411
	2nd Nagpada	67	97	136	149	86	71	80	80	84	82	93	82	1,107
	Kamathipura	133	146	198	208	160	105	124	128	130	130	119	108	1,689
	Tardeo	75	77	141	142	101	69	54	71	91	55	82	77	1,035
	Byculla	205	224	430	474	307	186	173	216	204	220	217	193	3,049
	1st Nagpada	13	8	19	40	18	15	4	19	11	8	12	17	184
F	Parel	120	105	208	206	136	80	103	105	105	87	88	105	1,448
	Sewri	47	58	72	62	60	38	42	54	27	37	38	36	571
	Sion	69	75	118	122	105	74	85	90	70	75	74	71	1,028
G	Mahim	96	106	142	137	114	73	61	59	65	65	80	85	1,083
	Worli	205	178	282	327	267	156	185	218	184	141	125	172	2,440
	Harbour, Docks, Railways and Homeless	25	36	17	26	12	8	13	16	14	10	10	7	194
	Total ...	2,701	2,910	4,461	4,613	3,384	2,143	2,293	2,613	2,500	2,368	2,417	2,475	34,878

TABLE of Deaths registered from all Causes by Section and Age-Period in 1909.

1	2	3		4		5		6		7		8		9		10		11		12		13		14		15
Ward.	SECTION.	Under 1 year.		1 year and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 30 years.		30 years and under 40 years.		40 years and under 50 years.		50 years and under 60 years.		60 years and upwards.		Unspecified.		Total.		Total.
		Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Male.	Female	Total.
A	Upper Colaba	11	4	2	3	1	1	...	...	2	2	11	3	9	3	5	2	5	2	2	...	...	...	48	20	68
	Middle and Lower Colaba ...	60	64	13	22	5	10	18	18	32	19	64	38	48	30	22	15	19	17	17	24	...	...	298	257	555
	Fort South	2	5	3	1	1	...	3	...	6	...	19	4	8	2	4	2	8	4	2	...	...	...	56	18	74
	Fort North	77	91	39	49	21	10	26	21	41	26	106	85	94	48	59	39	65	29	50	57	...	...	578	455	1,033
	Esplanade	50	46	11	14	9	13	13	9	35	21	120	36	86	26	59	20	51	17	27	13	3	...	464	215	679
B	Mandvi	143	125	40	52	10	26	37	27	75	63	158	66	117	46	86	33	61	24	70	50	...	...	797	512	1,309
	Chukla	117	99	45	42	21	28	31	30	56	59	98	69	79	42	57	24	54	22	60	55	...	...	618	470	1,088
	Umarkhadi	248	212	102	101	36	57	54	61	97	85	235	154	154	90	114	61	102	53	112	111	1	...	1,262	985	2,247
	Dongri	161	172	59	82	20	19	37	28	43	28	159	82	104	36	48	32	31	19	37	41	...	...	699	539	1,238
C	Market	98	100	34	33	10	12	22	17	47	41	134	60	86	31	71	26	62	34	41	28	...	...	605	382	987
	Dhobi Talao	151	121	64	63	19	13	22	29	73	39	171	86	123	42	78	40	69	44	68	72	1	...	844	549	1,393
	Fanaswadi	93	80	33	35	15	11	22	24	32	29	97	61	59	28	45	29	46	29	45	41	...	...	487	367	854
	Bhuleshwar	177	154	57	69	24	25	53	37	74	79	153	116	100	64	84	46	70	41	54	57	...	...	846	688	1,534
	Khara Talao	157	130	37	53	16	24	26	19	40	67	121	97	102	59	66	32	69	22	68	35	...	...	702	538	1,240
	Kumbharwada	153	133	52	37	13	10	25	23	57	32	123	87	76	38	47	28	30	22	38	31	...	...	614	441	1,055
D	Khetwadi	116	100	36	50	8	11	21	19	41	33	90	68	64	41	43	27	31	29	31	42	...	...	481	420	901
	Girgaum	120	99	41	39	16	19	21	24	42	44	103	73	71	46	49	27	32	24	47	61	...	...	542	456	998
	Chaupati	33	34	8	14	6	6	6	4	15	14	28	25	16	11	17	10	12	15	19	11	...	...	160	141	301
	Walkeshwar	21	19	8	5	2	3	1	1	4	4	15	8	14	7	5	5	14	4	13	8	...	...	97	64	161
	Mahalakshmi	79	81	32	42	10	13	14	6	37	27	68	44	49	23	22	17	29	21	20	30	...	...	360	304	664
E	Mazagaon	168	127	46	53	25	25	26	20	69	33	142	78	96	50	71	37	43	33	65	53	...	...	751	509	1,260
	Tarwadi	185	204	49	53	25	24	18	17	53	33	166	68	172	48	97	28	59	36	46	28	2	...	872	539	1,411
	2nd Nagpada	130	116	48	55	24	28	28	31	24	51	103	94	58	41	45	27	44	27	71	62	...	...	575	532	1,107
	Kamathipura	228	228	84	74	23	35	24	36	73	54	180	148	110	61	66	40	56	48	47	73	...	1	891	798	1,689
	Tardeo	134	132	41	49	13	16	25	23	58	42	112	68	76	36	32	16	37	28	44	53	...	...	572	463	1,035
	Byculla	356	357	132	132	60	64	83	69	151	101	336	259	204	140	136	57	101	81	118	112	...	...	1,677	1,372	3,049
	1st Nagpada	17	17	6	5	...	4	4	2	4	5	41	11	26	7	7	3	10	3	7	5	...	...	122	62	184
F	Parel	213	174	71	73	21	27	33	27	77	45	140	86	90	73	77	36	56	28	49	52	...	...	827	621	1,448
	Sewri	87	66	14	26	7	9	2		28	13	59	36	34	17	22	21	23	15	26	27	...	...	323	248	571
	Sion	142	132	40	46	22	23	28	16	44	26	88	88	81	46	48	31	35	25	26	41	...	...	554	474	1,028
G	Mahim	165	90	52	52	25	36	27	20	39	33	111	82	78	37	44	33	35	23	37	55	...	...	613	470	1,083
	Worli	332	297	124	118	52	46	64	44	101	89	269	175	156	110	97	68	68	65	69	96	...	...	1,332	1,108	2,440
	Harbour, Docks, Railways and Homeless	...	...	...	...	...	...	9	...	21	...	51	2	30	1	28	1	22	1	23	1	4	...	183	6	194
	Total...	4,224	3,906	1,430	1,542	530	648	844	749	1,596	1,237	3,871	2,457	2,670	1,380	1,751	913	1,449	885	1,449	1,425	11	1	19,855	15,023	34,878
	Persons ...	8,030		2,972		1,208		1,573		2,833		6,328		4,050		2,664		2,334		2,874		12		34,878		...
	Percentages to Total Mortality ...	23·02		8·52		3·46		4·51		8·12		18·14		11·61		7·63		6·69		8·24		·03				

TABLE showing the Population, the Number of Deaths from all Causes and the

1	2	3								
		Population by the Census of 1906.								
Ward.	SECTION.	Hindus.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Other and Unknown Castes.	Total.
A	Upper Colaba	1,602	145	110	1	146	14	1,757	.....	3,775
	Middle and Lower Colaba... ...	10,341	813	874	84	1,288	67	1,827	16	15,310
	Fort South	1,713	162	87	148	930	115	754	35	3,944
	Fort North	14,823	1,433	10,790	39	1,228	142	814	9	29,778
	Esplanade	7,205	941	529	117	954	265	997	7	11,015
B	Mandvi	32,472	5,087	24	452	79	.....	43	1	38,158
	Chukla	11,250	17,934	135	.....	15	15	13	.....	29,362
	Umarkhadi	19,029	32,497	55	1,336	671	.....	14	8	53,610
	Dongri	29,647	2,200	15	579	188	2	32	.....	32,663
C	Market	29,626	2,780	2,159	4	583	79	72	2	35,305
	Dhobi Talao	22,381	939	8,641	1	4,600	9	14	9	36,594
	Fanaswadi	25,483	504	1,920	7	1,326	.....	.....	.....	29,240
	Bhuleshwar...	25,886	11,597	633	2	11	.....	.....	.....	38,129
	Khara Talao	9,012	16,993	280	7	39	.....	.....	.4	26,335
	Kumbharwada	29,496	2,816	408	4	50	10	.....	.....	32,784
D	Khetwadi	21,826	4,392	6,402	18	668	60	215	.....	33,579
	Girgaum	26,490	460	546	2	702	82	98	.....	28,149
	Ghoupati	11,177	285	797	1	353	52	68	.....	13,033
	Walkeshwar	9,372	709	1,002	22	681	232	654	13	12,685
	Mahalakshmi	19,385	741	3,322	18	533	161	485	.....	24,650
E	Mazagaon	21,692	3,705	1,480	55	2,752	485	703	.....	30,872
	Tarwadi	20,527	2,373	745	287	1,113	385	843	.....	26,278
	2nd Nagpada	7,271	13,853	83	553	120	61	65	10	22,016
	Kamathipura	29,436	5,933	196	147	480	99	94	49	36,434
	Tardeo	19,872	4,414	2,835	30	617	164	229	32	28,193
	Byculla	57,625	14,088	523	493	1,890	719	937	5	76,280
	1st Nagpada	2,062	697	53	223	120	88	83	.....	3,335
F	Parel	42,837	1,999	1,354	103	480	48	139	.....	46,960
	Sewri	14,729	734	30	16	350	25	101	.....	15,985
	Sion	25,319	232	594	17	1,998	93	132	.....	30,515
G	Mahim	24,582	3,251	553	35	2,511	86	160	.....	31,178
	Worli	62,108	2,674	1,331	539	2,080	240	516	.....	69,488
	Harbour, Docks, Railways and Homeless	18,971	9,116	318	27	588	113	3,015	92	32,240
	Total ...	703,154	168,677	48,824	5,337	30,223	3,911	14,374	792	977,822

Death-rate per 1,000 by Class and Section in 1909.

4									5								
Number of Deaths from all Causes Registered amongst									Death rate per 1,000 of Population amongst								
Hindus	Musulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Other and Unknown Castes.	Total.	Hindus.	Musulmans.	Parsees.	Jews.	Native Christians	Eurasians.	Europeans.	Other and Unknown Castes.	Total.
31	7	2	...	5	1	22	...	68	19·35	48·27	18·18	...	34·24	71·42	12·52	...	18·01
440	86	14	4	25	3	32	1	555	42·54	44·28	16·01	47·61	19·40	44·77	17·51	62·50	36·18
42	3	3	...	6	2	18	...	74	24·51	18·51	34·48	...	6·45	17·39	23·87	...	18·76
552	101	319	2	38	10	11	...	1,033	37·23	70·48	29·56	51·28	30·94	70·40	35·03	...	35·89
438	170	9	1	23	6	27	5	679	60·79	180·65	17·01	8·54	24·10	22·64	27·08	714·28	61·64
1,059	214	1	26	5	1	3	..	1,309	32·61	42·06	41·66	57·52	63·28	...	69·76	...	34·30
324	762	1	...	1	...	...	...	1,088	28·80	42·48	7·40	...	66·66	...	...	...	37·05
598	1,564	1	52	28	2	1	1	2,247	31·42	48·12	18·18	38·92	41·72	...	71·42	125·00	41·91
1,063	145	...	14	14	...	2	...	1,238	35·85	65·00	...	24·17	74·46	...	62·50	...	37·90
782	138	45	...	21	...	...	1	987	26·39	49·64	20·84	...	36·02	...	...	500·00	27·95
892	40	215	...	239	5	...	2	1,393	30·85	42·59	24·88	...	51·95	555·55	...	222·22	38·06
752	18	45	...	39	...	...	...	854	29·50	35·71	20·31	...	29·41	...	...	...	29·20
942	570	21	...	...	...	...	1	1,534	36·30	49·15	33·17	...	...	...	...	...	40·23
353	872	6	...	...	...	...	4	1,240	37·24	51·31	21·42	...	...	...	...	1,000·00	46·33
937	110	6	...	2	...	...	...	1,055	31·76	60·37	14·70	...	40·00	...	...	...	32·18
581	152	150	1	14	3	...	...	901	26·61	34·60	23·43	55·55	20·95	50·00	...	...	26·83
909	21	24	...	44	...	...	...	998	34·30	45·65	43·95	...	57·74	...	...	...	35·08
265	4	27	...	5	...	...	...	301	23·08	14·03	33·87	...	14·16	...	...	...	23·09
132	4	16	1	5	...	3	...	161	14·08	5·64	15·96	45·45	7·34	...	4·58	...	12·69
553	23	70	1	16	...	1	...	664	28·52	1·03	21·07	55·55	29·73	...	2·06	...	26·93
856	192	38	5	149	10	7	3	1,260	39·46	51·82	25·67	90·90	54·14	20·61	9·95	...	40·81
869	257	10	9	224	13	21	8	1,411	42·33	108·30	13·42	31·35	200·35	33·76	24·91	...	53·69
305	783	...	9	6	2	2	...	1,107	41·94	56·52	...	16·27	50·00	32·78	30·76	...	50·28
1,316	322	11	2	33	3	...	2	1,689	44·70	53·81	56·12	13·60	68·75	30·30	...	40·81	46·29
698	217	68	...	40	4	4	4	1,035	35·12	49·16	23·08	...	64·82	24·39	17·46	125·00	36·71
1,022	914	17	26	90	42	31	1	3,049	33·35	64·87	32·50	52·73	50·79	58·41	33·08	200·00	39·97
91	56	...	12	16	5	4	...	184	44·13	80·34	...	53·81	124·03	56·81	48·19	...	55·17
1,318	74	31	4	15	1	5	...	1,448	30·76	37·01	22·89	38·83	31·25	20·83	35·97	...	30·83
500	51	1	1	18	...	...	...	571	33·94	69·48	33·33	62·50	51·42	...	...	...	35·72
810	118	8	2	88	1	1	...	1,028	31·99	508·62	13·46	117·64	44·04	10·75	7·57	...	33·68
827	137	10	...	107	1	1	...	1,083	33·64	42·14	18·08	...	42·61	11·62	6·25	...	34·76
2,109	163	40	21	88	11	6	1	2,440	33·95	60·35	36·80	38·96	42·30	45·83	11·62	...	35·11
61	114	...	...	6	1	11	1	194	3·21	12·50	...	...	10·20	8·84	3·64	...	6·01
23,332	8,352	1,110	193	1,415	127	213	35	34,878	33·04	49·51	24·78	35·93	45·85	32·47	14·81	119·83	38·65

TABLE of Deaths registered from CHOLERA by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·26	...
	Middle and Lower Colaba	...	...	...	...	...	1	2	11	1	...	...	...	...	...	15	...	...	·97	·27
	Fort South	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·25	·27
	Fort North	...	6	...	9	...	...	2	5	1	1	2	...	...	...	26	...	...	·90	·22
	Esplanade	1	...	...	11	1	...	1	2	1	...	...	1	...	...	18	...	...	1·63	1·20
B	Mandvi	...	...	...	10	4	3	1	9	...	1	...	...	...	...	28	...	...	·73	·33
	Chukla	...	...	...	5	1	1	...	3	1	...	...	...	...	...	11	...	...	·37	·10
	Umarkhadi	...	...	...	5	1	2	...	6	6	...	10	2	...	...	32	...	...	·59	·42
	Dongri	...	...	...	4	1	...	7	3	6	...	...	1	...	...	22	...	...	·67	·86
C	Market	1	...	...	14	...	5	5	10	8	...	...	...	...	...	43	...	...	1·21	·24
	Dhobi Talao	...	1	...	12	1	2	8	12	5	...	...	2	...	...	43	...	...	1·17	·41
	Fanaswadi	1	...	...	12	2	2	4	6	1	...	...	...	...	...	28	...	...	·95	·37
	Bhuleshwar	...	1	...	21	...	7	7	22	7	...	...	1	...	...	66	...	...	1·73	·28
	Khara Talao	1	...	...	4	2	4	...	2	1	...	...	2	...	...	16	...	...	·59	·11
	Kumbharwada	4	3	...	20	2	5	2	7	2	...	2	...	...	...	47	...	...	1·43	·26
D	Khetwadi	...	...	...	5	...	1	3	5	5	...	1	...	...	...	20	...	..	·59	·10
	Girgaum	1	...	...	7	...	3	2	18	1	...	...	...	...	...	32	...	...	1·12	·47
	Choupati	...	...	...	7	...	...	8	...	...	...	...	...	...	...	15	...	...	1·15	·38
	Walkeshwar	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3	...	...	·23	·16
	Mahalakshmi	...	...	...	2	...	1	1	1	1	...	2	...	...	...	8	...	...	·32	·54
E	Mazagaon	1	...	...	4	...	...	1	6	9	1	...	...	...	...	22	...	...	·71	·57
	Tarwadi	...	...	...	...	...	1	1	3	2	2	...	...	...	...	9	...	...	·34	·77
	2nd Nagpada	1	...	...	...	...	...	...	4	1	...	...	...	...	...	6	...	...	·27	·14
	Kamathipura	1	...	2	...	...	1	2	1	2	1	...	...	...	...	10	...	...	·27	·30
	Tardeo	...	...	...	1	3	1	...	4	6	...	...	...	...	...	15	...	...	·53	·43
	Byculla	...	...	1	6	1	5	10	11	7	5	1	...	...	...	47	...	...	·61	·53
	1st Nagpada	...	...	...	2	...	...	1	5	...	...	...	...	...	...	8	...	...	2·39	·16
F	Parel	...	...	...	7	2	8	4	7	1	...	...	...	...	...	29	...	...	·61	1·13
	Sewri	...	...	...	3	...	1	2	...	...	...	...	...	...	...	6	...	...	·37	·82
	Sion	...	1	...	8	...	3	...	8	...	...	...	...	...	...	20	...	...	·65	·59
G	Mahim	1	...	...	5	2	1	4	7	8	...	1	...	...	...	29	...	...	·93	·77
	Worli	...	...	...	6	4	2	10	12	2	...	...	...	...	...	36	...	...	·51	·48
	Harbour, Docks, Railways and Homeless	...	...	...	6	...	...	4	2	2	1	...	...	...	...	15	...	...	·46	·17
	Total	13	12	3	199	27	60	93	194	87	12	19	9	442	305	747	·38	·83	·74	·45

TABLE of Deaths registered from SMALL-POX by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total Males.	Total Females.	Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·25
	Middle and Lower Colaba	1	...	...	...	1	1	...	...	...	...	...	...	...	...	3	...	...	·19	·09
	Fort South	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	...	·50	·27
	Fort North	1	2	5	1	2	1	...	...	...	...	...	...	...	...	12	...	...	·41	·52
	Esplanade	1	2	1	...	2	...	...	...	...	...	...	...	...	...	6	...	...	·54	·83
B	Mandvi	...	...	1	2	4	1	1	...	...	...	...	...	...	...	9	...	...	·23	1·12
	Chukla	...	1	3	3	3	1	...	...	...	...	...	1	...	...	12	...	...	·40	·58
	Umarkhadi	...	1	8	9	9	6	5	4	...	...	1	7	...	...	45	...	...	·83	·93
	Dongri	...	...	1	...	1	2	1	2	...	3	1	...	...	...	11	...	...	·33	1·00
C	Market	...	2	6	5	1	1	...	...	...	...	...	...	...	...	15	...	...	·42	·58
	Dhobi Talao	...	1	6	10	5	9	2	...	...	...	1	3	...	...	37	...	...	1·01	1·36
	Panaswadi	...	...	4	4	3	2	...	...	...	...	1	4	...	...	19	...	...	·64	1·07
	Bhuleshwar	...	1	2	9	3	...	...	...	...	1	...	1	...	...	17	...	...	·44	·68
	Khara Talao	...	4	4	2	3	...	...	...	...	...	...	1	...	...	14	...	...	·51	·66
	Kumbharwada	...	6	10	6	3	1	...	...	1	...	...	...	...	...	27	...	...	·82	1·20
D	Khetwadi	...	...	...	3	1	...	...	1	1	...	...	...	...	...	6	...	...	·17	·58
	Girgaum	...	1	2	7	4	4	...	1	1	...	...	...	...	...	20	...	...	·70	·73
	Chowpati	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·07	·66
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·42
	Mahalakshmi	...	...	1	...	1	...	1	...	...	...	...	...	...	...	3	...	...	·12	·72
E	Mazagaon	1	3	1	5	6	8	...	...	...	...	...	...	...	...	24	...	...	·77	1·21
	Tarwadi	...	...	...	...	1	1	1	1	...	...	...	...	...	...	4	...	...	·15	1·07
	2nd Nagpada	...	...	1	2	1	1	...	...	...	...	...	...	...	...	5	...	...	·22	·92
	Kamathipura	...	...	...	2	4	1	1	...	...	...	1	1	...	...	12	...	...	·32	1·32
	Tardeo	...	1	...	1	...	2	...	...	...	...	...	...	...	...	4	...	...	·14	1·34
	Byculla	1	2	3	1	3	8	1	2	...	...	1	2	...	...	19	...	...	·24	1·10
	1st Nagpada	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	...	·59	·48
F	Parel	1	...	2	3	4	1	2	...	...	1	2	8	...	...	24	...	...	·51	1·32
	Sewri	...	...	2	4	2	...	...	...	...	...	...	...	...	...	8	...	...	·50	·75
	Sion	1	...	2	5	2	...	5	3	1	...	...	...	...	...	19	...	...	·62	·70
G	Mahim	...	...	3	2	1	1	...	1	...	...	1	3	...	...	12	...	...	·38	·50
	Worli	13	6	7	8	8	5	3	3	2	...	2	5	...	...	62	...	...	·89	1·13
	Harbour, Docks, Railways and Homeless	6	11	1	1	...	19	...	...	...	...	...	...	...	...	19	...	...	·58	·46
	Total...	40	64	91	78	70	37	21	15	5	5	11	36	270	203	473	·44	·55	·48	·91

TABLE of deaths registered from MEASLES by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·25
	Middle and Lower Colaba	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	·06	·34
	Fort South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·27
	Fort North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·22
	Esplanade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·18
B	Mandvi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	·67
	Chukla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·03	·36
	Umarkhadi	1	...	2	3	1	3	...	...	1	...	...	...	...	...	12	...	...	·22	·73
	Dongri	2	1	1	1	1	1	...	2	...	...	...	...	...	...	8	...	...	·24	1·03
C	Market	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·24
	Dhobi Talao	2	2	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	·10	·26
	Fanaswadi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·45
	Bhuleshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·42
	Khara Talao	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·39
	Kumbharwada	...	1	...	2	...	...	...	...	...	...	...	...	...	...	3	...	...	·11	·45
D	Khetwadi	...	...	1	...	...	...	2	...	...	...	...	...	...	...	3	...	...	·09	·16
	Girgaum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·17
	Choupati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·09
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·08
	Mahalakshmi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·18
E	Mazagaon	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...	...	·06	·67
	Tarwadi	...	...	...	...	2	1	1	...	...	...	...	...	...	...	4	...	...	·15	1·12
	2nd Nagpada	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	·04	·77
	Kamathipura	...	...	3	1	...	...	...	...	...	...	...	...	...	...	4	...	...	·10	·49
	Tardeo	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	·03	·63
	Byculla	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2	...	...	·02	1·07
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·16
F	Parel	...	...	2	1	1	...	...	...	...	...	...	...	...	...	4	...	...	·08	·91
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·60
	Sion	...	...	1	...	3	...	...	1	1	...	...	...	...	...	6	...	...	·19	·45
G	Mahim	1	1	...	2	...	...	...	...	...	...	1	...	...	...	5	...	...	·16	·30
	Worli	...	4	4	...	1	2	...	...	...	...	...	1	...	...	14	...	...	·20	1·20
	Harbour, Docks, Railways, and Homeless	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	7	5	15	16	13	6	5	3	2	1	1	1	46	29	75	·07	·06	·07	·53

TABLE of Deaths registered from PLAGUE by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3	...	...	·79	4·15
	Middle and Lower Colaba	3	2	6	25	19	7	7	23	11	2	2	1	...	...	108	...	...	7·05	13·12
	Fort South	...	...	1	5	4	...	...	...	...	...	...	...	...	...	10	...	...	2·53	6·50
	Fort North	1	12	40	49	19	7	3	...	...	...	...	...	...	...	131	...	...	4·55	9·45
	Esplanade	...	1	14	6	4	7	3	...	...	1	1	1	...	...	38	...	...	3·44	6·12
B	Mandvi	7	23	87	54	19	2	3	2	4	5	2	3	...	...	211	...	...	5·52	14·94
	Chukla	1	8	66	83	31	1	1	1	2	...	1	...	...	...	195	...	...	6·64	11·17
	Umarkhadi	7	23	132	106	39	5	17	12	4	2	1	1	...	...	349	...	...	6·50	9·62
	Dongri	2	14	67	46	25	*1*	...	2	*9*	*6*	*1*	...	...	...	*172*	...	...	*5·26*	*13·50*
C	Market	5	16	35	59	35	6	4	1	3	3	2	1	...	...	170	...	...	4·81	13·45
	Dhobi Talao	...	14	56	88	66	6	2	3	6	...	...	...	...	...	241	...	...	6·58	10·57
	Panaswadi	...	6	36	80	57	7	...	2	2	1	...	...	...	...	191	...	...	6·53	15·98
	Bhuleshwar	5	12	38	82	80	9	7	9	6	...	...	1	...	...	249	...	...	6·53	13·05
	Khara Talao	4	5	62	79	28	5	2	1	...	1	1	4	...	...	192	...	...	7·12	11·05
	Kumbharwada	2	7	43	69	46	6	1	2	2	2	...	...	...	...	180	...	...	5·49	12·57
D	Khetwadi	...	4	33	34	23	3	...	...	...	...	1	...	...	...	98	...	...	2·91	9·57
	Girgaum	...	6	37	46	15	4	...	2	2	1	2	...	...	...	115	...	...	4·04	9·25
	Choupati	...	2	15	13	13	...	...	...	...	...	...	...	...	...	43	...	...	3·29	10·37
	Walkeshwar	...	1	5	3	3	...	...	...	...	...	...	...	...	...	12	...	...	·94	7·09
	Mahalakshmi	1	2	21	37	13	4	3	...	1	1	...	...	...	...	83	...	...	3·36	9·30
E	Mazgaon	4	19	82	79	24	7	2	4	4	2	2	2	...	...	231	...	...	7·48	15·69
	Tarwadi	1	4	41	38	29	2	1	1	2	1	2	3	...	...	125	...	...	4·75	14·59
	2nd Nagpada	1	5	41	38	5	1	1	..	...	1	...	...	...	...	93	...	...	4·22	11·81
	Kamathipura	...	9	65	74	24	1	3	2	...	...	...	...	...	...	178	...	...	4·87	14·36
	Tardeo	...	3	44	53	27	1	1	1	...	1	...	...	...	...	131	...	...	4·64	10·11
	Byculla	1	9	147	213	108	14	4	3	3	5	3	5	...	...	515	...	...	6·75	11·89
	1st Nagpada	1	...	4	16	1	...	...	...	...	...	...	...	...	...	22	...	...	6·59	2·24
F	Parel	1	10	60	86	34	4	...	2	2	5	...	...	...	...	204	...	...	4·24	10·37
	Sewri	2	19	33	20	18	11	17	22	1	...	1	...	...	...	144	...	...	9·00	13·14
	Sion	1	...	19	25	32	10	15	20	6	4	...	...	...	...	132	...	...	4·32	8·14
G	Mahim	14	27	69	56	35	7	...	1	1	1	1	1	...	...	213	...	...	6·88	6·57
	Worli	1	14	89	128	107	23	16	24	4	3	2	2	...	...	413	...	...	5·94	11·79
	Harbour, Docks, Railways, and Homeless	...	...	1	2	2	...	...	...	...	...	...	...	...	...	5	...	...	·15	·26
	Total	65	277	1,499	1,793	987	161	113	140	75	47	25	25	3,583	1,614	5,197	5·84	4·42	5·31	11·21

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TABLE of Deaths registered from MALARIA by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	1	...	1	...	...	...	...	1	1	...	...	...	4	...	...	1·05	·25
	Middle and Lower Colaba	...	3	1	...	1	...	1	...	...	1	...	...	...	...	7	...	...	·45	·34
	Fort South	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·25	·27
	Fort North	2	1	3	1	1	3	1	4	2	2	4	4	...	...	29	...	...	1·00	·70
	Esplanade	2	2	5	2	1	1	...	3	3	5	6	2	...	...	31	...	...	2·81	1·11
B	Mandvi	...	...	...	...	...	...	...	...	...	2	1	1	...	...	4	...	...	·10	·70
	Chukla	...	...	1	...	...	...	...	...	...	1	1	...	...	...	3	...	...	·10	·36
	Umarkhadi	3	1	4	...	...	3	...	5	3	6	12	4	...	...	41	...	...	·76	·64
	Dongri	1	2	1	...	1	...	...	3	6	2	6	1	...	...	23	...	...	·70	·66
C	Market	2	...	2	...	...	2	...	...	2	1	1	2	...	...	12	...	...	·33	·43
	Dhobi Talao	1	...	2	...	...	...	2	1	3	...	...	1	...	...	10	...	...	·27	·35
	Fanaswadi	...	1	...	...	...	...	...	1	...	...	1	...	...	...	3	...	...	·10	·20
	Bhuleshwar	2	1	1	2	...	...	...	1	1	1	...	...	...	...	9	...	...	·23	·31
	Khara Talao	...	1	2	1	...	1	...	...	2	1	2	1	...	...	11	...	...	·40	·15
	Kumbharwada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·03
D	Khetwadi	...	...	...	1	1	1	...	...	...	1	...	...	...	...	4	...	...	·11	·12
	Girgaum	...	1	...	...	...	...	2	...	2	...	1	...	...	...	6	...	...	·21	·21
	Chowpati	1	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	·15	·23
	Walkeshwar	...	...	...	...	...	...	...	1	...	1	...	1	...	...	3	...	...	·23	·33
	Mahalakshmi	1	1	1	...	...	...	...	...	...	...	1	1	...	...	5	...	...	·20	·09
E	Mazagaon	1	...	...	...	1	1	...	...	1	2	...	1	...	...	7	...	...	·22	·26
	Tarwadi	1	2	1	2	2	3	1	1	...	2	1	4	...	...	20	...	...	·76	·43
	2nd Nagpada	...	1	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	·09	·09
	Kamathipura	1	1	...	...	...	...	...	...	...	1	1	...	...	...	4	...	...	·10	·12
	Tardeo	1	...	1	...	...	...	...	...	...	...	...	1	...	...	3	...	...	·10	·03
	Byculla	1	1	1	...	1	...	...	3	1	...	4	...	...	...	12	...	...	·15	·15
	1st Nagpada	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3	...	...	·89	.....
F	Parel	...	...	...	1	...	...	...	...	...	...	1	3	...	...	5	...	...	·10	·07
	Sewri	...	...	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	·12	·07
	Sion	...	...	1	...	...	...	...	...	...	1	2	...	...	...	4	...	...	·13	·10
G	Mahim	...	2	...	...	...	...	...	...	...	1	...	1	...	...	4	...	...	·12	·06
	Worli	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2	...	...	·02	·05
	Harbour, Docks, Railways, and Homeless	...	3	1	...	1	1	2	1	2	1	4	1	...	...	17	...	...	·52	·05
	Total	20	25	29	14	12	16	9	24	28	37	50	29	215	78	293	·35	·21	·29	·26

TABLE of Deaths registered from ENTERIC FEVER by Section and Month in 1909.

1	2	3												4			5			6
Ward	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·26	·25
	Middle and Lower Colaba	...	...	1	...	1	...	...	...	...	...	...	1	...	...	3	...	...	·19	·13
	Fort South	...	1	...	...	...	2	...	...	1	1	...	...	...	...	5	...	...	1·26	·27
	Fort North	...	...	...	...	1	...	1	1	1	...	1	...	...	...	5	...	...	·17	·11
	Esplanade	2	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...	·27	·65
B	Mandvi	...	...	2	...	...	1	...	...	...	...	...	...	...	...	3	...	...	·07	·11
	Chukla	...	...	...	1	...	...	...	...	...	1	...	...	...	...	2	...	...	·06	·03
	Umarkhadi	...	...	...	...	2	...	1	...	...	...	1	...	...	...	4	...	...	·07	·07
	Dongri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·06
C	Market	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	·02	·09
	Dhobi Talao	1	2	2	1	1	...	1	...	1	...	1	...	...	...	10	...	...	·27	·20
	Fanaswadi	...	1	...	1	...	...	1	...	2	...	...	...	...	...	5	...	...	·17	·12
	Bhuleshwar	...	...	...	...	...	...	...	1	...	...	...	1	...	...	2	...	...	·05	·05
	Khara Talao	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·03
	Kumbharwada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·03
D	Khetwadi	...	1	...	1	1	1	...	1	...	...	...	...	...	...	5	...	...	·14	·19
	Girgaum	...	1	1	2	1	2	1	...	1	...	...	...	...	...	9	...	...	·31	·13
	Choupati	...	...	...	...	1	...	...	1	...	1	...	...	...	...	3	...	...	·23	·19
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·08
	Mahalakshmi	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	·08	·13
E	Mazagaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·16
	Tarwadi	...	1	2	1	1	1	...	...	...	...	...	...	...	...	6	...	...	·22	·43
	2nd Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·04
	Kamathipura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·03
	Tardeo	...	...	1	1	...	1	...	...	...	...	...	...	...	...	3	...	...	·10	·11
	Byculla	...	...	...	...	...	1	...	...	1	2	...	...	...	...	4	...	...	·05	·07
	1st Nagpada	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	·29	·16
F	Parel	...	1	...	1	1	...	...	...	...	...	...	...	...	...	3	...	...	·06	·07
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....
	Sion	1	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	·06	·03
G	Mahim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·10
	Worli	...	...	...	...	1	...	...	2	...	1	...	1	...	...	6	...	...	·16	·03
	Harbour, Docks, Railways and Homeless	...	...	3	1	...	...	...	...	...	1	...	...	...	...	5	...	...	·07	·09
	Total	6	8	13	11	11	10	5	7	7	7	4	3	69	23	92	·11	·06	·09	·10

TABLE of Deaths registered from FEVERS (excluding MALARIAL and ENTERIC Fevers) by Section and Month in 1909.

1	2	3												4			5			6
Ward	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·51
	Middle and Lower Colaba	1	3	5	3	6	1	1	1	5	6	...	7	...	...	39	...	...	2·54	2·36
	Fort South	1	1	1	...	2	1	1	...	...	...	1	...	...	...	8	...	...	2·02	1·29
	Fort North	9	7	8	7	18	12	4	10	12	11	4	12	...	...	114	...	...	3·95	4·08
	Esplanade	5	11	10	16	11	8	1	11	18	9	12	8	...	...	120	...	...	10·89	5·47
B	Mandvi	10	3	3	7	7	1	8	8	14	13	8	12	...	...	94	...	...	2·46	3·24
	Chukla	3	1	3	3	6	1	4	4	4	10	2	3	...	...	44	...	...	1·49	1·86
	Umarkhadi	6	19	17	15	9	9	10	8	6	6	11	3	...	...	119	...	...	2·21	4·55
	Dongri	8	6	7	10	14	4	6	6	4	5	12	5	...	...	87	...	...	2·66	5·51
C	Market	3	4	3	4	7	6	4	8	8	10	6	6	...	...	69	...	...	1·95	2·27
	Dhobi Talao	15	7	2	6	6	9	1	10	10	8	7	8	...	...	89	...	...	2·43	2·75
	Panaswadi	8	6	4	3	1	5	4	2	2	2	3	5	...	...	45	...	...	1·53	2·53
	Bhuleshwar	6	11	8	14	7	3	6	14	3	5	7	4	...	...	88	...	...	2·30	2·68
	Khara Talao	13	11	9	3	5	2	5	5	4	2	1	...	...	...	60	...	...	2·22	4·79
	Kumbharwada	5	6	3	1	1	...	2	4	1	4	...	3	...	...	30	...	...	·91	3·12
D	Khetwadi	2	2	13	7	7	2	3	...	2	2	3	2	...	...	45	...	...	1·34	2·32
	Girgaum	8	6	5	6	8	3	3	2	6	4	5	5	...	...	61	...	...	2·13	2·38
	Choupati	1	...	...	...	2	1	...	2	...	1	1	2	...	...	10	...	...	·76	1·90
	Walkeshwar	...	...	...	...	2	...	1	...	1	...	1	1	...	...	6	...	...	·47	1·35
	Mahalakshmi	1	4	8	6	12	6	1	5	3	2	4	4	...	...	56	...	...	2·27	3·81
E	Mazagaon	15	17	17	13	6	11	7	2	11	7	13	8	...	...	127	...	...	4·11	4·78
	Tarwadi	9	12	10	6	13	12	10	13	7	19	13	12	...	...	136	...	...	5·17	5·96
	2nd Nagpada	4	18	3	10	11	7	4	10	9	8	8	7	...	...	99	...	...	4·49	4·64
	Kamathipura	9	32	12	14	21	9	11	11	13	12	7	8	...	...	159	...	...	4·35	5·24
	Tardeo	...	5	12	4	8	5	5	5	6	...	6	9	...	...	65	...	...	2·30	5·49
	Byculla	21	24	22	9	18	7	16	13	13	19	18	12	...	...	192	...	...	2·51	5·65
	1st Nagpada	....	1	1	2	1	...	...	2	2	2	...	...	...	...	11	...	...	3·29	1·44
F	Parel...	12	6	17	7	16	8	13	7	9	8	6	9	...	..	118	...	...	2·51	2·38
	Sewri	7	3	6	2	7	8	2	4	...	6	7	1	...	...	53	...	...	3·31	2·47
	Sion	6	6	8	10	4	5	7	6	3	5	6	6	...	...	72	...	...	2·35	3·19
G	Mahim	3	1	2	1	3	1	1	3	2	1	1	4	...	...	23	...	...	·73	1·88
	Worli	13	13	7	18	15	9	15	14	11	7	10	16	...	...	148	...	...	2·12	2·71
	Harbour, Docks, Railways, and Homeless	3	1	...	4	4	1	...	7	3	2	2	1	...	...	28	...	...	·86	·58
	Total	207	247	226	211	258	157	156	197	192	198	185	183	1,516	899	2,415	2·47	2·46	2·45	3·46

TABLE of Deaths registered from DIARRHŒA and DYSENTERY by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	2	1	1	2	...	1	...	...	...	...	...	...	...	...	7	...	...	1·85	2·33
	Middle and Lower Colaba	3	1	4	4	4	...	7	6	1	2	...	1	...	...	33	...	...	2·15	2·57
	Fort South	...	1	2	...	...	...	...	...	...	1	1	...	...	...	5	...	...	1·26	1·08
	Fort North	8	3	8	6	5	...	7	8	2	9	3	9	...	...	68	...	...	2·36	2·83
	Esplanade	5	9	9	12	2	7	5	2	3	5	3	3	...	...	65	...	...	5·90	5·10
B	Mandvi	7	2	6	2	2	3	2	2	4	4	4	3	...	...	41	...	...	1·07	2·05
	Chukla	4	2	2	2	2	...	...	4	1	3	2	5	...	...	27	...	...	·91	2·33
	Umarkhadi	16	7	18	14	14	4	11	17	10	10	19	12	...	...	152	...	...	2·83	3·87
	Dongri	3	5	8	6	4	10	12	7	11	9	2	9	...	...	86	...	...	2·63	6·18
C	Market	6	5	2	4	2	2	5	3	6	4	10	4	...	...	53	...	...	1·50	2·24
	Dhobi Talao	2	4	5	2	6	6	7	9	12	6	4	9	...	...	72	...	...	1·96	2·90
	Panaswadi	4	5	2	5	1	1	5	3	6	6	4	2	...	...	44	...	...	1·50	2·28
	Bhuleshwar	5	3	21	15	17	4	3	8	3	3	6	10	...	...	98	...	...	2·57	2·65
	Khara Talao	4	7	12	15	11	2	8	9	6	7	8	7	...	...	96	...	...	3·56	5·07
	Kumbharwada	3	4	3	3	4	4	6	11	4	3	4	8	...	...	57	...	...	1·73	3·74
D	Khetwadi	2	6	9	9	8	6	5	10	6	4	6	1	...	...	70	...	...	2·08	3·35
	Girgaum	6	4	8	...	1	8	5	2	4	3	5	7	...	...	53	...	...	1·86	2·73
	Chowpati	3	3	...	3	3	1	2	1	1	2	3	...	...	...	22	...	...	1·68	1·99
	Walkeshwar	2	...	...	1	...	...	...	2	...	...	...	...	...	...	5	...	...	·39	1·77
	Mahalakshmi	6	6	8	7	5	5	10	13	4	1	2	5	...	...	77	...	...	3·12	3·13
E	Mazagaon	3	8	13	14	7	1	9	3	9	2	5	9	...	...	83	...	...	2·68	5·52
	Tarwadi	17	11	27	12	9	4	19	12	16	12	7	21	...	...	167	...	...	6·36	9·07
	2nd Nagpada	5	8	13	16	9	4	9	13	9	5	4	8	...	...	103	...	...	4·67	4·02
	Kamathipura	12	6	11	11	8	8	10	10	10	5	16	5	...	...	112	...	...	3·06	5·89
	Tardeo	10	7	11	6	7	3	7	10	13	5	14	8	...	...	101	...	...	3·58	5·09
	Byculla	16	19	22	23	22	21	22	36	24	32	25	33	...	...	295	...	...	3·86	4·60
	1st Nagpada	1	...	...	1	2	2	1	1	4	...	1	2	...	...	15	...	...	4·49	1·60
F	Parel	12	9	17	14	12	6	9	8	14	7	7	6	...	...	121	...	...	2·57	3·94
	Sewri	4	3	4	8	3	2	2	1	6	5	2	5	...	...	45	...	...	2·81	4·95
	Sion	4	5	6	9	4	4	4	5	10	4	8	9	...	...	72	...	...	2·35	4·77
G	Mahim	12	8	12	8	12	10	8	6	6	9	12	12	...	...	115	...	...	3·68	5·02
	Worli	14	24	30	29	17	10	20	26	18	7	7	15	...	...	217	...	...	3·12	5·79
	Harbour, Docks, Railways, and Homeless	2	3	...	2	1	...	...	...	...	...	...	...	...	...	8	...	...	·24	·43
	Total ...	203	189	294	265	204	133	250	253	223	175	193	228	1,466	1,119	2,585	2·39	3·06	2·64	3·92

TABLE of Deaths registered from TUBERCLE OF LUNGS including other TUBERCULAR DISEASES by Section and Month in 1909.

Ward.	2 SECTION.	3 January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	4 Total. Males.	Females	Total.	5 Death Ratio per 1,000 of Population. Males.	Females	Total.	6 Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	...	1	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	·52	·51
	Middle and Lower Colaba	...	1	1	...	2	1	...	...	2	1	2	1	...	...	11	...	...	·71	·41
	Fort South	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	...	·50	·54
	Fort North	3	...	2	1	2	...	1	4	2	1	3	1	...	...	20	...	...	·69	·56
	Esplanade	3	1	2	...	4	...	2	...	3	1	2	2	...	...	20	...	...	1·81	2·60
B	Mandvi	...	...	1	...	...	1	...	...	3	2	...	1	...	...	8	...	...	·20	·45
	Chukla	2	...	4	2	...	...	...	...	1	...	1	1	...	...	11	...	...	·37	·73
	Umarkhadi	10	12	15	14	5	6	9	5	3	6	8	11	...	...	104	...	...	1·93	2·03
	Dongri	8	7	2	4	1	2	2	2	1	4	4	1	...	...	38	...	...	1·16	1·27
C	Market	1	2	3	2	...	...	...	1	1	...	...	1	...	...	11	...	...	·31	·58
	Dhobi Talao	...	2	2	2	5	1	1	2	3	3	...	3	...	...	24	...	...	·65	·74
	Fanaswadi	...	2	1	1	...	...	2	...	...	...	1	1	...	...	8	...	...	·27	·33
	Bhuleshwar	3	2	1	...	1	2	...	2	1	1	2	1	...	...	16	...	...	·41	·57
	Khara Talao	...	...	...	...	1	...	...	1	1	...	...	...	...	...	3	...	...	·11	·47
	Kumbharwada	...	...	...	...	...	1	...	1	...	...	1	1	...	...	4	...	...	·12	·35
D	Khetwadi	...	...	1	2	1	...	1	1	3	1	...	4	...	...	14	...	...	·41	·58
	Girgaum	2	...	2	1	1	1	2	...	...	1	2	...	...	...	12	...	...	·42	·78
	Choupati	1	...	1	1	...	..	...	...	...	1	...	...	...	...	4	...	...	·30	·57
	Walkeshwar	1	...	1	1	...	...	...	...	...	...	...	...	...	...	3	...	...	·23	·33
	Mahalakshmi	1	...	...	...	...	1	1	...	1	...	...	...	...	...	4	...	...	·16	·13
E	Mazagaon	1	...	...	1	...	...	...	...	1	...	...	2	...	...	5	...	...	·16	·30
	Tarwadi	...	4	8	...	2	3	6	1	6	3	3	2	...	...	38	...	...	1·44	2·15
	2nd Nagpada	...	...	...	1	...	...	...	1	2	1	1	2	...	...	8	...	...	·36	·77
	Kamathipura	1	1	1	2	1	2	1	3	...	1	...	1	...	...	14	...	...	·38	·73
	Tardeo	...	1	1	...	...	...	...	1	...	...	3	3	...	...	9	...	...	·31	·51
	Byculla	3	...	2	3	...	1	2	1	5	3	3	...	...	...	23	...	...	·30	·39
	1st Nagpada	1	1	...	2	...	...	...	...	...	...	...	1	...	...	5	...	...	1·49	·48
F	Parel	...	...	...	1	...	1	1	...	...	1	...	1	...	...	5	...	...	·10	·19
	Sewri	...	...	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	·12	·07
	Sion	...	1	...	...	1	...	...	...	...	1	1	...	...	...	4	...	...	·13	·14
G	Mahim	...	1	1	...	1	...	...	...	...	...	...	...	...	...	3	...	...	·09	·13
	Worli	1	...	...	2	...	...	1	...	1	2	...	1	...	...	6	...	...	·11	·11
	Harbour, Docks, Railways, and Homeless	1	...	1	1	...	...	1	...	...	...	...	...	...	...	4	...	...	·12	·11
	Total	43	39	54	44	30	23	33	26	40	35	37	42	225	222	447	·36	·60	·45	·64

TABLE of Deaths registered from RESPIRATORY DISEASES (including Phthisis) by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	1	1	5	...	1	3	...	1	...	...	1	...	...	...	13	...	...	3·44	3·89
	Middle and Lower Colaba	19	18	15	18	19	8	12	15	15	10	11	12	...	...	172	...	...	11·23	11·18
	Fort South	1	2	...	1	1	2	1	1	1	...	4	2	...	...	16	...	...	4·05	3·25
	Fort North	26	24	30	17	21	16	17	18	20	20	22	22	...	...	253	...	...	8·79	11·79
	Esplanade...	20	23	20	20	12	7	7	7	12	14	14	17	...	...	173	...	...	15·70	13·88
B	Mandvi...	41	45	45	46	33	28	24	30	23	31	36	42	...	...	424	...	...	11·11	17·34
	Chukla	28	36	50	43	34	20	24	24	33	31	23	24	...	...	370	...	...	12·00	18·04
	Umarkhadi	76	58	69	72	76	46	55	49	51	63	66	67	...	...	748	...	...	13·95	16·56
	Dongri	51	35	40	32	30	20	32	34	27	26	27	39	...	...	393	...	...	12·03	14·47
C	Market	19	25	37	24	30	14	20	22	15	12	29	14	...	...	261	...	...	7·39	9·21
	Dhobi Talao	36	35	48	32	23	33	28	30	38	36	36	25	...	...	400	...	...	10·93	10·83
	Fanaswadi	20	27	22	13	14	16	25	13	17	19	17	29	...	...	232	...	...	7·93	10·75
	Bhuleshwar	60	60	49	35	43	39	42	40	41	38	37	46	...	...	530	...	...	13·90	14·98
	Khara Talao	32	40	43	36	24	34	20	18	25	28	38	25	...	...	372	...	...	13·81	20·41
	Kumbharwada	44	32	28	27	38	18	37	28	34	34	18	26	...	...	364	...	...	11·10	16·71
D	Khotwadi	22	31	18	23	27	13	23	30	32	27	21	15	...	...	282	...	...	8·39	11·80
	Girgaum	28	31	28	24	25	27	33	14	17	22	21	25	...	...	295	...	...	10,36	12·03
	Choupati	5	6	7	9	7	4	5	7	7	7	9	4	...	...	77	...	...	5·90	9·32
	Walkeshwar	3	6	2	7	1	3	2	4	5	3	5	6	...	...	47	...	...	3·70	5·82
	Mahalakshmi	15	19	28	19	11	9	12	10	13	13	14	15	...	...	178	...	...	7·22	8·89
E	Mazagaon	53	33	40	25	25	18	19	21	25	15	26	24	...	...	324	...	...	10·49	12·56
	Tarwadi	36	38	51	34	30	27	19	26	25	20	23	26	...	...	355	...	..	13·25	14·94
	2nd Nagpada	27	36	40	39	30	27	31	19	24	20	38	26	...	...	357	...	...	16·21	20·00
	Kamathipura	54	47	46	45	55	41	43	38	33	51	39	38	...	...	530	...	...	14·52	17·77
	Tardeo	32	36	31	37	23	31	18	17	23	22	26	22	...	...	318	...	...	11·27	15·53
	Byculla	67	96	106	100	78	63	45	68	52	64	63	65	...	...	862	...	...	11·30	17·13
	1st Nagpada	3	2	7	6	9	7	1	3	1	3	6	7	...	...	55	...	...	16·49	4·05
F	Parel	44	36	54	42	38	26	27	43	34	22	27	43	...	...	441	...	...	9·39	13·55
	Sewri	14	17	11	13	13	11	7	14	13	15	14	12	...	...	154	...	...	9·63	10·74
	Sion	27	21	29	27	26	21	21	20	13	17	20	23	...	...	265	...	...	8·68	9·44
G	Mahim	33	38	40	36	37	29	17	16	21	24	27	28	...	...	346	...	...	11·09	11·53
	Worli	78	62	87	64	65	50	48	68	76	52	50	61	...	...	761	...	...	10·95	15·30
	Harbour, Docks, Railways, and Homeless	1	1	3	3	1	...	...	3	4	2	2	1	...	...	21	...	...	·65	·69
	Total	1,016	1,017	1,119	939	895	711	724	753	770	761	840	831	5,627	4,762	10,389	9·17	13·05	10·62	13·49

TABLE of Deaths registered from INJURIES by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females	Total. Total.	Death Ratio per 1,000 of Population. Males.	Females.	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	...	1	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	·52	·77
	Middle and Lower Colaba	...	...	1	1	1	3	3	...	1	1	1	4	...	...	16	...	...	1·03	1·11
	Fort South	...	...	...	...	2	...	...	1	...	...	...	...	...	...	3	...	...	·76	·81
	Fort North	5	...	1	2	4	...	...	4	3	3	2	2	...	...	26	...	...	·90	·90
	Esplanade	2	7	4	2	3	6	3	5	3	4	1	4	...	...	41	...	...	3·99	4·27
B	Mandvi	2	3	2	...	...	2	3	3	2	2	4	2	...	...	25	...	...	·65	·67
	Chukla	...	1	...	1	1	...	1	1	4	3	8	2	...	...	22	...	...	·74	·58
	Umarkhadi	1	4	...	4	2	5	1	1	2	4	2	2	...	...	28	...	...	·52	·65
	Dongri	1	1	4	1	...	2	...	2	...	4	...	2	...	...	17	...	...	·53	·90
C	Market ...	5	1	...	2	...	...	1	2	1	1	3	1	...	...	17	...	...	·48	·76
	Dhobi Talao	2	...	...	4	2	3	2	3	1	5	4	4	...	...	30	...	...	·81	·82
	Fanaswadi	1	2	...	1	1	1	3	2	2	2	1	1	...	...	17	...	...	·58	·49
	Bhuleshwar	2	1	1	2	2	1	...	6	1	3	1	3	...	...	23	...	...	·60	·82
	Khara Talao	2	2	...	2	1	1	1	1	1	1	...	...	...	...	12	...	...	·44	1·21
	Kumbharwada	...	1	...	3	...	1	...	1	3	1	4	...	...	...	14	...	...	·42	·48
D	Khetwadi	1	1	...	...	2	3	...	1	4	4	1	2	...	...	19	...	...	·56	·51
	Girgaum	...	1	3	...	...	3	...	...	1	1	2	2	...	...	13	...	...	·45	·52
	Choupati	...	...	...	...	...	1	...	1	...	...	2	...	...	...	4	...	...	·30	·66
	Walkeshwar	...	...	1	...	1	...	1	...	1	...	...	1	...	...	5	...	...	·39	·50
	Mahalakshmi	3	1	1	1	...	...	2	1	1	2	1	3	...	...	16	...	...	·64	·45
E	Mazagaon	2	...	...	4	1	1	2	2	1	3	1	4	...	...	21	...	...	·68	·77
	Tarwadi	7	21	12	4	6	11	5	4	4	10	6	7	...	...	97	...	...	3·69	2·76
	2nd Nagpada	...	...	...	2	1	3	1	1	1	...	4	2	...	...	14	...	...	·63	·72
	Kamathipura	1	1	4	3	2	1	2	2	1	3	1	2	...	...	23	...	...	·63	·79
	Tardeo	1	1	1	1	1	1	...	1	2	1	...	3	...	...	13	...	...	·46	·47
	Byculla	3	1	2	2	1	2	1	3	2	6	10	3	...	...	36	...	...	·47	·53
	1st Nagpada	...	...	...	1	...	1	...	...	...	...	...	2	...	...	4	...	...	1·19	·32
F	Parel	4	1	2	1	2	3	2	2	...	1	2	1	...	...	21	...	...	·44	·69
	Sewri	1	...	1	1	...	...	...	...	...	...	...	2	...	...	5	...	...	·31	·67
	Sion	...	...	3	...	3	...	...	2	2	4	3	1	...	...	18	...	...	·58	·66
G	Mahim	2	2	...	1	...	...	1	1	2	4	2	4	...	...	19	...	...	·60	·60
	Worli	6	1	4	2	1	3	2	3	3	5	4	4	...	...	38	...	...	·54	·65
	Harbour, Docks, Railways, and Homeless	3	9	4	3	3	2	3	1	2	2	2	2	...	...	36	...	...	1·11	·90
	Total	57	64	51	51	43	60	40	57	51	80	72	73	512	186	698	·83	·50	·71	·78

TABLE of Deaths registered from OTHER CAUSES by Section and Month in 1909.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total.	Death Ratio per 1,000 of Population. Males.	Females	Total.	Mean Ratio per 1,000 of Population during the previous 5 years.
A	Upper Colaba	4	5	4	1	5	3	1	1	3	1	4	3	...	...	35	...	...	9·27	8·57
	Middle and Lower Colaba	17	12	15	17	6	10	14	8	11	10	17	10	...	...	147	...	...	9·60	10·21
	Fort South	...	1	2	2	1	1	1	2	1	2	6	2	...	...	21	...	...	6·32	5·69
	Fort North	35	31	37	26	20	25	23	19	27	33	33	40	...	...	349	...	...	12·12	14·40
	Esplanade	20	15	21	14	6	6	8	10	19	9	16	17	...	...	161	...	...	14·60	15·69
B	Mandvi	33	40	36	27	30	30	24	35	48	65	31	63	...	...	462	...	...	12·10	14·49
	Chukla	44	40	29	26	30	22	22	30	34	43	41	20	...	...	390	...	...	13·28	15·52
	Umarkhadi	53	49	54	56	56	40	52	45	37	55	61	55	...	...	613	...	...	11·43	13·69
	Dongri	37	33	34	29	21	24	27	40	37	37	34	28	...	...	381	...	...	11·66	13·24
C	Market	26	34	24	20	27	22	28	27	28	38	35	26	...	...	335	...	...	9·48	11·27
	Dhobi Talao	37	31	33	30	28	36	32	40	41	41	41	43	...	...	433	...	...	11·83	13·35
	Panaswadi	15	29	24	16	19	19	20	20	18	23	30	29	...	...	262	...	...	8·96	10·25
	Bhuleshwar	40	36	38	25	18	34	32	46	46	47	41	33	...	...	436	...	...	11·14	12·61
	Khara Talao	39	30	47	35	37	33	39	33	45	43	40	34	...	...	461	...	...	17·11	17·10
	Kumbharwada	20	30	38	18	24	19	31	43	37	19	22	28	...	...	329	...	...	10·03	11·82
D	Khetwadi	23	23	27	34	34	27	28	31	24	34	24	29	...	...	338	...	...	10·06	11·44
	Girgaum	33	45	43	33	24	25	25	25	31	18	29	51	...	...	382	...	...	13·42	14·85
	Chaupati	21	14	11	7	8	2	1	15	11	10	11	9	...	...	120	...	...	9·20	12·55
	Walkeshwar	8	2	8	7	5	7	7	12	3	5	6	7	...	...	77	...	...	6·07	8·70
	Mahalakshmi	28	16	20	22	16	14	19	17	21	16	20	23	...	...	232	...	...	9·41	10·03
E	Mazagaon	36	36	34	43	38	24	32	40	31	34	29	43	...	...	414	...	...	13·41	15·49
	Tarwadi	37	45	39	32	39	34	37	33	38	35	39	42	...	...	450	...	...	17·12	21·29
	2nd Nagpada	29	29	38	40	29	29	34	32	38	46	38	37	...	...	419	...	...	19·03	21·16
	Kamathipura	54	47	54	56	45	41	51	61	71	66	54	53	...	...	643	...	...	17·63	20·29
	Tardeo	31	23	39	37	32	24	23	32	41	26	33	31	...	...	372	...	...	13·19	15·09
	Byculla	92	72	124	115	80	69	72	76	96	84	89	73	...	...	1,042	...	...	13·66	15·48
	1st Nagpada	7	4	5	8	4	5	1	7	4	3	5	5	...	...	58	...	...	17·39	5·13
F	Parel	46	42	54	42	26	23	45	31	45	42	43	34	...	...	473	...	...	10·07	11·77
	Sewri	19	16	15	11	17	5	12	13	7	7	14	16	...	...	152	...	...	9·50	10·89
	Sion	29	41	49	38	30	30	33	25	34	39	34	32	...	...	414	...	...	13·56	15·55
G	Mahim	31	26	14	28	21	24	30	24	25	25	34	32	...	...	314	...	...	10·07	10·95
	Worli	77	58	54	64	49	53	68	66	67	64	50	66	...	...	736	...	...	10·59	11·44
	Harbour, Docks, Railways, and Homeless	9	8	3	3	...	4	3	2	1	1	...	2	...	...	36	...	...	1·11	·90
	Total	1,024	963	1,067	962	834	764	875	941	1,010	1,011	1,010	1,016	5,904	5,583	11,487	9·63	15·30	11·74	13·26

COMPARATIVE TABLE of Deaths from some of the PRINCIPAL CAUSES during 1909 and the preceding 5 years.

YEAR.	Cholera.		Small-pox.		Measles.		Plague.		Malaria.		Enteric Fever.		Other Fevers.		Diarrhœa and Dysentery.		Tubercle including Tubercle of Lungs.		Respiratory System.				Injuries.		All other Causes.		Total deaths.	
																			Phthisis.		Other Diseases of the Respiratory System.							
	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.
1904 ...	219	·28	568	·73	229	·29	13,538	17·44	270	·34	55	·07	2,091	2·69	2,784	3·58	577	·74	2,971	3·82	7,339	9·45	558	·72	11,477	14·78	42,676	54·99
1905 ...	26	·03	2,161	2·78	620	·79	14,198	18·29	267	·34	60	·07	2,551	3·28	3,391	4·36	625	·80	2,558	3·29	9,103	11·73	646	·83	11,556	14·89	47,762	61·54
1906 ...	1241	1·20	276	·28	936	·95	10,823	11·06	190	·19	134	·13	4,558	4·66	4,778	5·09	485	·49	3,567	3·64	11,731	11·99	714	·73	13,441	13·54	52,374	54·07
1907 ...	439	·44	86	·08	107	·10	6,389	6·53	149	·15	116	·11	3,368	3·44	3,489	3·56	563	·57	2,877	2·94	9,022	9·22	813	·83	11,269	11·52	38,687	39·56
1908 ...	95	·09	1,026	1·04	653	·66	5,361	5·48	331	·33	111	·11	2,961	3·02	3,184	3·25	636	·65	2,387	2·44	8,954	9·15	808	·82	11,764	12·03	38,271	39·13
Mean of the preceding 5 years.	404	·45	823	·91	509	·56	10,062	11·21	241	·26	95	·10	3,106	3·46	3,525	3·92	577	·64	2,872	3·20	9,230	10·28	708	·78	11,902	13·26	44,054	49·10
1909 ...	727	·74	473	·48	75	·07	5,197	5·31	293	·29	92	·09	2,415	2·45	2,585	2·64	447	·45	2,415	2·46	7,974	8·15	698	·71	11,487	11·74	34,878	35·40

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SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London.

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	GENERAL DISEASES.													
1	Small-pox	40	64	91	78	70	37	21	15	5	5	11	36	473
3	Chicken-pox	2	2	...	...	...	...	...	...	1	...	...	...	5
4	Measles	7	5	15	16	13	6	5	3	2	1	1	1	75
8	Plague	65	277	1,489	1,793	987	161	113	140	75	47	25	25	5,197
9	Relapsing Fever	6	12	14	17	17	6	4	3	4	6	4	...	93
11	Influenza	...	1	...	...	...	...	...	...	...	...	...	...	1
12	Whooping Cough	...	...	...	1	1	2	1	...	...	...	...	2	7
13	Mumps	...	...	...	...	...	1	...	...	...	...	...	...	1
17	Enteric Fever	6	8	13	11	11	10	5	7	7	7	4	3	92
18	Cholera	13	12	3	199	27	60	92	194	87	12	19	9	727
20	Epidemic Diarrhœa	117	117	190	155	128	90	141	143	130	124	119	138	1,592
21	Dysentery	86	72	104	110	76	48	79	110	93	51	74	90	993
23	Beri-Beri	...	1	1	...	...	...	...	...	...	...	...	...	2
24	Malarial Fever	20	25	29	14	12	16	9	24	28	37	50	29	293
	Ague and Remittent	201	235	212	194	241	151	152	194	188	190	181	183	2,322
26	Erysipelas	3	2	3	2	1	3	...	...	2	1	6	3	28
	Pyæmic Fever	...	...	1	...	...	...	...	...	...	...	...	...	1
27	Pyæmic	...	...	...	...	1	2	...	3	4	2	...	1	13
	„ Abscess	...	...	...	...	...	...	...	...	...	...	2	...	2
28	Septicæmia	4	3	1	2	6	6	...	1	4	2	2	5	36
	Puerperal Septicæmia	25	31	37	30	22	27	23	21	29	36	43	39	383
	Septic Fever	...	...	1	...	...	...	3	1	1	2	...	...	8
	„ Poisoning	...	...	...	...	...	...	1	1	...	...	...	...	2
29	Tetanus	14	8	16	15	5	9	4	7	11	11	12	5	117
30	Tubercle of Lungs, including other Tubercular affections	43	39	54	44	30	23	33	26	40	36	37	42	447
31	Leprosy	6	10	9	7	6	8	7	4	5	10	13	10	95
33	Syphilis	9	13	7	4	4	5	7	3	9	9	11	2	83
	„ *b*-Secondary	2	1	...	6	3	2	1	3	2	2	2	4	28
	„ *c*-Inherited	...	1	...	1	...	1	1	...	...	...	1	...	5
	„ Congenital	1	...	...	...	1	...	...	1	2	2	1	...	8
	Syphilitic Cachexia	...	1	...	...	...	...	...	...	...	...	...	...	1
35	Hydrophobia	...	...	2	...	1	1	...	...	...	1	...	...	5
40	Worms	3	1	5	...	2	2	1	3	3	4	5	1	30
54	Scurvy	...	...	1	...	...	...	...	...	...	2	...	1	4
55	Alcoholism	1	1	1	...	4	...	...	...	...	...	...	1	7
58	Rheumatic Fever	3	...	11	...	...	1	...	...	2	...	...	1	18
59	Rheumatism	2	15	...	6	8	6	8	7	...	4	7	10	73
60	Gout	2	...	...	...	...	...	...	...	1	...	1	...	4
61	Arthritis	...	1	...	...	...	...	...	...	...	...	...	...	1
63	Tumour	...	...	1	1	...	...	...	1	...	2	...	...	5
	Gumma on the hard palate	...	1	...	...	...	...	...	...	...	...	...	...	1
	Toxæmia	...	...	...	1	...	...	...	...	...	...	1	...	2
	Scrofula	6	3	9	10	6	3	6	7	2	3	4	6	65
	Sarcoma	2	...	...	...	2	1	...	...	2	...	...	...	7
	„ Recurrent Neck	...	...	...	...	...	...	1	...	...	...	...	...	1
	Tabes Mesentrica	...	1	...	...	...	1	...	...	...	...	1	...	3
	Myoma of uterus	...	...	...	...	...	...	...	...	1	...	...	...	1
65	Rickets	82	61	93	78	72	50	58	82	83	52	60	82	853
68	Anæmia	26	29	28	22	29	25	32	47	43	54	58	45	438
69	Chlorosis	...	...	...	...	...	...	1	...	1	...	...	...	2
70	Pernicious Anæmia	6	...	7	5	...	5	...	...	...	...	...	...	23
	Profused Anæmia	...	...	...	...	...	...	...	...	...	1	...	...	1
72	Leucocythæmia	1	...	...	...	...	...	...	...	...	...	...	...	1
75	Diabetes	2	...	6	5	6	7	6	3	1	4	3	...	44
	„ Coma	...	...	...	...	...	...	1	...	...	1	...	...	2
77	Immaturity at Birth	17	10	8	16	10	5	12	17	17	13	15	11	151
79	Debility	275	222	237	221	178	182	253	239	295	241	219	247	2,809
80	Old Age	180	192	189	194	132	96	137	141	159	137	177	171	1,905
	DISEASES OF THE NERVES.													
81	Inflammation	...	...	...	...	...	...	...	...	...	...	...	...	...
	„ *a*-Neuritis	...	...	...	...	...	...	...	...	1	...	...	...	1
	„ *b*-Multiple Neuritis	...	...	...	...	...	...	...	...	1	...	...	...	1
	DISEASES OF THE SPINAL CORD AND MEMBRANES. MEMBRANES.													
85	Myelitis	...	...	...	...	...	...	...	1	...	1	...	...	2
85	Acute Myelitis (lower segment)	...	...	...	...	...	...	1	...	...	...	...	...	1
	Cerebro spinal meningitis	...	...	2	...	1	...	...	...	...	...	...	1	4
85	Septic osteo Myelitis	...	...	...	...	...	...	1	...	...	...	...	...	1
87	Degeneration of the Spinal Cord	1	...	...	...	...	...	...	...	...	...	...	...	1

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	INFLAMMATION OF THE BRAIN AND ITS MEMBRANES, MEMBRANES.													
89	Inflammation	4	2	11	6	5	6	4	4	2	4	5	6	69
90	Hæmorrhage	4	2	1	6	6	5	4	4	1	6	8	7	54
	Embolism	...	...	1	...	1	...	...	...	...	...	...	1	3
	Brain Affection	2	...	...	...	...	...	...	...	...	...	...	...	2
	Hydrocephalus	...	...	...	1	...	...	...	...	...	...	...	...	1
92	Inflammation	...	1	...	...	...	...	...	...	...	...	...	...	1
95	Softening	...	...	...	...	...	...	...	...	...	...	2	...	2
97	Congestion	...	...	...	...	...	...	1	...	...	...	...	...	1
	Brain Fever	...	...	...	...	1	...	...	...	...	...	...	...	1
	Cerebral thrombosis	...	...	...	...	...	2	1	...	1	1	...	1	6
	FUNCTIONAL NERVOUS DISORDERS WITH OTHER DISEASES OF UNDETERMINED NATURE.													
102	Apoplexy	3	3	1	4	...	4	2	...	1	2	1	...	21
103	Paralysis	8	14	9	5	4	10	9	9	7	8	9	4	96
	a-Paraplegia	4	2	2	...	1	4	3	1	2	3	3	4	29
	b-Hemiplegia	7	6	10	14	11	12	9	12	15	14	11	17	138
106	Bedsores	...	...	...	...	...	...	...	1	...	...	...	...	1
109	Chorea	...	...	...	...	...	...	...	...	...	...	1	...	1
117	Eclampsia	1	...	...	...	...	...	...	...	...	...	2	1	4
	Eclampsia Infantile	120	129	153	139	142	135	123	142	126	153	131	142	1,845
	Eclampsia Puerperal	...	3	...	2	1	3	2	1	4	...	...	...	16
118	Epilepsy	3	4	1	...	2	5	...	3	5	4	3	5	35
	Epileptic fits	...	...	...	...	...	...	1	...	...	...	...	...	1
	Muscular atrophy...	...	...	...	...	...	...	...	...	...	1	...	...	1
122	Headache	1	...	...	...	...	...	...	...	...	...	...	1	2
127	Hysteria	...	2	2	...	...	1	...	...	...	...	...	...	5
	MENTAL DISEASES.													
137	Mania	1	...	1	...	...	...	...	...	...	...	...	...	2
	Insanity and exhaustion	1	...	...	...	1	...	1	...	1	...	...	...	4
139	Dementia	...	...	...	...	1	...	...	...	...	...		...	1
	DISEASES OF THE CONJUNCTIVA.													
143	Conjunctivitis	...	...	...	1	...	...	...	...	...	...	...	...	1
	Exopthalmic goitre	...	...	...	...	...	...	...	...	...	...	1	...	1
	Mastoid abscess	...	...	...	...	...	...	...	...	1	...	...	...	1
	Otitis Media	...	...	...	...	...	...	...	...	1	...	...	...	11
	DISEASE OF THE NOSE.													
248	Epistaxis Profused	...	...	...	...	...	...	...	...	...	1	...	...	1
	Bleeding from the Nose	...	...	...	...	...	...	...	...	...	...	...	1	1
	DISEASES OF THE HEART AND ITS MEMBRANES DISEASES OF THE MEMBRANES.													
252	Pericarditis	...	1	...	...	...	...	...	...	...	...	...	...	1
255	Hydropericardium	...	...	...	...	...	...	...	...	...	1	...	...	1
258	Endopericarditis	...	1	...	...	1	...	...	...	2	...	...	...	8
259	Valvular disease of heart ...	16	13	19	15	13	13	15	10	11	11	25	9	170
	1—Aortic	1	1	...	...	1	...	...	...	...	1	...	2	4
	2—Mitral	2	...	...	1	...	...	1	...	...	...	...	...	4
	3—Pulmonary	1	...	...	...	...	...	...	...	...	...	...	...	1
	Collapse	...	...	...	...	...	...	...	1	...	...	...	...	1
	Heart failure	4	5	3	...	5	4	...	9	5	8	2	3	48
	Cardiac Dropsy	...	...	1	...	...	...	...	...	...	1	...	...	2
	Mitral regurgitation of heart ...	1	1	...	1	...	...	...	...	...	...	1	...	5
	Heart troubles	...	...	...	...	...	...	1	...	...	...	...	1	1

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	DISEASE OF THE MUSCULAR SUBSTANCE.													
260	Inflammation	...	...	...	...	...	...	...	...	...	...	1	...	1
261	Degeneration	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fatty	...	...	...	...	...	1	...	...	...	...	...	...	1
264	Dilitation	...	...	...	...	...	...	...	...	...	1	...	...	1
265	Excessive growth of fat	...	...	...	...	...	1	...	...	...	...	...	...	1
269	Clots in the Thrombosis	...	2	...	...	...	...	...	...	...	...	...	...	2
	b—Embolus	...	1	1	1	...	...	...	...	...	3	...	...	6
271	Angina Pectoris	1	...	...	...	...	2	1	3	1	2	1	2	13
272	Syncope	...	3	...	3	2	...	1	3	...	2	1	...	15
	DISEASES OF THE BLOOD VESSELS.													
276	Degeneration	...	...	...	...	...	...	...	...	...	...	...	...	...
	a—Primary fatty	...	...	...	1	...	...	...	...	...	...	...	1	2
280	Aneurism	1	1	...	2	...	...	...	...	...	1	...	...	5
	DISEASES OF CAPILLARIES.													
298	Rupture	...	...	...	...	1	...	...	...	...	2	...	...	3
	DISEASES OF THE RESPIRATORY SYSTEM NOT STRICTLY LOCAL.													
300	Croup	...	...	1	...	...	...	...	...	...	1	...	...	2
	DISEASES OF THE TRACHEA AND BRONCHI.													
315	Bronchitis (Acute and Chronic)	346	335	276	363	340	280	276	254	266	289	308	254	3,587
	a—Catarrhal	2	...	...	...	...	...	...	...	3	1	...	...	6
	DISEASES OF THE LUNG.													
	Hæmoptysis	...	...	...	...	1	...	...	...	...	1	...	...	2
	Asthma	142	148	118	113	83	66	67	67	81	82	82	102	1,151
	Lung troubles	...	...	...	1	1	1	...	...	...	...	...	...	3
	Cough	...	...	...	1	...	...	...	...	...	...	...	...	1
326	Pneumonia	202	215	378	157	146	114	90	117	117	118	159	166	1,979
	a—Catarrhal	...	...	...	...	1	3	1	2	...	...	3	1	11
	b—Lobar Croupous... ...	7	11	3	5	...	1	...	2	...	5	9	5	48
327	Broncho Pneumonia	108	95	132	109	114	70	93	98	62	71	79	89	1,120
334	Phthisis	201	25	212	215	205	176	196	210	235	188	163	209	2,415
336	Atelectasis	1	1	1	...	...	...	...	2	1	...	...	...	8
	DISEASES OF THE PLURA.													
339	Pleurisy	2	3	4	2	1	...	...	2	...	3	1	...	18
	Pleuretic Effusion	...	...	...	1	...	...	1	...	...	...	...	...	2
340	Empyæmia	5	4	4	2	3	...	...	2	5	2	6	5	38
	DISEASES OF THE MOUTH.													
	Gangrene	...	...	...	...	...	...	...	...	...	1	...	1	2
350	Cancerumoris	1	...	...	...	...	1	...	...	...	...	...	...	2
	Dysphonæ	...	2	...	...	...	...	...	...	...	...	...	...	2
	DISEASES OF THE TEETH-ALVIOLI AND GUMS.													
	Dentition	5	13	21	14	19	13	22	17	18	17	24	16	998

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	DISEASES OF THE SALIVARY GLANDS.													
	Parotitis	...	1	...	...	...	...	...	...	...	...	...	...	1
	DISEASES OF THE PHARYNX AND ŒSOPHAGUS.													
	Stenosis of the Œsophagus ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	DISEASES OF THE PALATE AND FAUCES.													
387	Tonsillitis	...	...	...	...	...	...	...	...	...	...	...	...	...
	b—Quinsy	...	...	1	...	...	...	...	...	...	...	1	...	2
	Abscess throat	...	...	...	...	...	1	...	...	...	...	...	...	1
	DISEASES OF THE STOMACH.													
402	Gastritis	2	...	...	1	1	...	1	...	1	2	1	3	12
	Gastric ulcer	...	...	...	2	...	...	...	...	...	...	...	...	2
403	Ulceration	...	...	...	...	...	...	1	...	...	...	...	...	1
	Melæna	...	...	...	...	...	...	...	...	...	...	1	1	2
408	Hypermesia...	...	...	...	...	...	...	1	...	...	...	...	...	1
419	Indigestion	1	...	6	2	1	2	1	...	2	2	...	...	17
426	Vomitting	2	3	2	1	4	1	1	1	3	1	1	3	23
428	Gastralgia	...	...	...	...	...	...	...	...	2	...	...	...	2
	DISEASES OF THE INTESTINES.													
433	Inflamation...	...	...	...	...	...	1	...	...	...	...	1	...	2
	a—Enteritis	7	8	7	9	2	...	4	18	5	3	5	6	74
	b—Typhlitis	...	...	...	...	...	...	...	...	...	...	1	...	1
	c—Colitis	...	...	...	1	...	...	...	...	1	3	...	...	5
	Appendicitis	1	...	1	...	...	1	...	...	1	...	...	4	8
	Ulceration	...	...	2	...	...	1	...	...	...	...	...	...	3
	Internal Hæmorrhage	...	...	...	...	1	...	...	...	...	...	...	...	1
444	Sprue	3	2	2	1	1	1	1	1	1	2	1	...	16
	Acute intestinal toxæmia	...	...	...	...	...	...	...	...	...	...	1	...	1
445	Hernia	...	...	...	3	...	...	...	2	1	...	...	1	7
	5—Inguinal	1	...	...	1	3	1	...	...	...	...	...	1	7
	Strangulated	...	2	...	...	...	...	3	...	2	2	1	...	10
	" Complete oblique Inguinal	...	...	...	...	...	...	...	...	...	...	...	1	1
	Irreducible	...	...	...	...	...	...	...	...	...	...	1	...	1
447	Intussusception	1	...	...	...	...	...	...	...	...	...	...	...	1
453	Obstruction...	4	4	...	1	...	1	6	2	3	1	1	2	25
455	Perforation...	...	2	...	1	...	2	...	...	...	...	...	...	5
461	Colic	...	...	...	1	2	1	2	...	...	...	...	2	8
	DISEASES OF THE RECTUM AND ANUS.													
466	Ulceration	...	...	...	...	...	...	...	...	...	1	...	...	1
468	Fistula in Ano	1	...	...	...	1	...	...	2	...	1	...	1	6
477	Piles	5	...	...	...	3	4	1	2	...	3	4	4	26
	DISEASES OF THE LIVER.													
479	Hepatitis	26	21	16	10	19	14	15	11	21	22	26	19	220
	a—Abscess	5	11	7	9	5	5	7	5	2	9	5	3	73
	b—Cirrhosis	6	8	7	4	5	3	4	7	3	14	5	4	70
	Enlarged liver	1	1	1	...	...	...	2	3	1	5	1	4	19
	Atrophy	...	...	...	...	...	...	...	1	...	...	—	...	1
481	Hypercemia or congestion ...	...	...	1	...	...	...	...	1	...	...	1	...	3
486	Jaundice	1	3	1	4	2	3	...	4	3	4	2	1	28
	DISEASES OF THE PERITONEUM.													
502	Peritonitis	5	1	7	4	2	1	2	...	1	8	1	4	36
503	Dropsy	11	9	9	9	13	7	8	13	16	17	9	13	134

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	DISEASES OF THE SPLEEN.													
506	Splenitis	...	...	1	...	...	1	3	...	1	...	3	2	10
507	Peri-Splenitis	...	...	...	...	...	...	...	...	...	...	...	1	1
	DISEASES OF THE LYMPHATIC VESSEL AND GLANDS.													
518	Lymphangitis	...	...	...	...	...	...	...	1	...	...	...	...	1
522	Elephantiasis	1	1	...	...	1	...	...	...	...	...	2	3	8
	DISEASES OF THE KIDNEY AND DUCTS.													
538	Acute Nephritis	11	3	4	1	3	2	3	5	4	3	4	11	54
539	Bright's disease	19	13	23	14	9	12	9	12	14	18	20	16	179
	2—Cirrhotic Kidney ...	1	...	...	...	...	...	...	...	...	...	...	...	1
540	Abscess	...	...	...	...	...	...	...	1	...	...	...	...	1
	d—Pyonephrosis	...	...	...	...	...	...	...	...	...	...	...	1	
	3—Lardaceous Kidney ...	...	...	...	...	1	...	...	...	...	...	...	...	1
547	Calculus	2	...	4	2	1	...	...	...	...	...	...	1	10
	Uræmia	...	1	...	1	...	3	1	...	1	1	2	...	10
552	Suppression of urine	...	...	...	1	2	...	...	...	...	...	...	1	4
	Defective Kidney	...	...	1	...	...	...	...	...	...	...	...	...	1
554	Hæmaglobinuric fever	...	...	...	...	...	...	...	...	...	...	...	1	1
	DISEASES OF THE BLADDER.													
561	Cystitis	...	...	...	1	...	...	4	..	...	...	2	3	10
	c—Chronic	...	...	1	...	...	...	...	..	...	...		...	1
569	Rupture	...	...	2	...	...	...	...	...	...	...	...	...	2
570	Urinary fistula	1	...	...	...	...	...	...	...	...	...	...	...	1
	Hydatid cyst	...	...	...	...	...	...	...	...	...	1	...	...	1
574	Retention of urine...	1	2	...	1	...	1	...	...	...	...	1	...	6
575	Incontinuance of urine	1	...	1	...	...	2	2	2	...	...	1	...	9
	Stone in the bladder	...	...	1	...	...	...	...	...	...	...	...	...	1
	Suppurating gall bladder	...	...	...	...	...	...	...	...	...	...	1	...	1
	DISEASES OF THE MALE ORGANS OF GENERATION.													
	DISEASES OF THE URETHRA.													
580	Hæmorrhage	...	...	...	...	...	...	...	1	...	...	...	...	1
	DISEASES OF THE SCROTUM.													
609	Inflammation	...	...	...	...	...	2	...	...	...	...	...	...	2
610	Abscess	...	...	...	...	...	...	...	2	...	1	...	...	3
611	Sloughing	...	...	...	...	...	...	...	...	1	3	...	...	4

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	DISEASES OF THE TUNICA VAGENALIS.													
623	Hydrocele	...	...	...	...	2	...	1	...	...	1	...	...	4
	Pyocele	...	...	...	...	...	...	1	...	...	...	...	...	1
	DISEASES OF THE TESTICLE.													
625	Inflammation	...	...	...	...	...	...	...	...	...	...	...	...	...
	1 Orchitis	...	...	...	...	...	...	...	...	...	1	1	...	2
	DISEASES OF THE FALLOPIAN TUBE.													
640	Distension	...	...	...	...	...	...	...	...	...	...	...	...	...
	b double Pyosalpinx ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	DISEASES OF THE UTERINE LIGAMENTS AND OF THE ADJACENT PERITONEUM AND CELLULAR TISSUE.													
648	Hæmatocele	...	...	1	...	...	...	...	...	1	...	...	...	2
649	Inflammation a Pelvic Peritonitis	...	...	...	...	...	...	...	...	1	...	...	...	1
	DISEASES OF THE UTERUS INCLUDING CERVIX.													
650	Abscess	...	...	...	...	...	...	...	...	1	...	...	...	1
	Uterine myomata and exhaustion.	...	1	...	...	...	...	...	...	...	1	...	...	2
	Uterine Hæmorrhage	...	...	1	...	...	...	...	...	...	...	...	1	2
	Uterine disease	...	1	...	...	...	...	...	...	...	...	...	...	1
	FUNCTIONAL AND SYMPTOMATIC DISORDERS OF THE FEMALE ORGANS OF GENERATION.													
685	Menorrhagia	...	...	...	...	...	...	...	...	...	...	2	...	2
687	Leucorrhœa...	3	...	1	1	...	1	...	1	1	...	1	...	9
	Ovariotomy and shock	...	...	...	...	...	...	...	...	...	...	...	1	1
	Suppurative ovary	...	1	...	...	...	...	...	...	...	...	...	...	1
	APPECTIONS CONNECTED WITH PREGNANCY.													
700	Abortion	1	...	1	2	...	...	...	1	...	1	...	1	7
	Pregnancy and Debility	...	1	...	...	...	...	...	...	...	...	...	...	1
	Pregnancy and heart failure ...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Pregnancy and vomitting... ...	...	...	...	...	...	...	...	...	...	1	...	1	2

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*Concluded.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	AFFECTIONS CONNECTED WITH PARTURITION.													
706	Uterine Inertia	1	...	...	...	...	...	...	...	...	...	...	...	1
710	Rupture of uterus	...	1	1	...	...	...	...	...	...	1	1	...	4
712	Still-born	157	131	154	134	118	113	157	168	182	186	163	148	1,808
	Obstetric operation	...	...	...	...	...	...	...	1	...	...	...	...	1
713	Asphyxia	...	1	...	1	...	1	...	1	1	...	...	...	5
	Spurious labour pains	...	...	...	...	...	...	...	...	...	...	1	1	2
	AFFECTIONS CONSEQUENT ON PARTURITION.													
714	Post Partum Hæmorrhage ...	2	2	2	...	...	1	1	3	5	1	...	3	20
	Parturition	...	...	1	...	...	...	...	...	...	7	...	3	11
	Difficult Labour	15	5	1	...	4	...	3	1	1	4	3	...	27
	Labour and peritonitis	...	...	...	...	...	...	...	...	...	...	1	...	1
	Placenta Prævia	...	1	...	...	...	...	...	...	...	...	2	...	3
718	Sudden death after delivery ...	...	...	2	3	3	5	2	1	...	1	...	...	17
	DISEASES OF THE FEMALE BREAST.													
720	Abscess	...	...	...	1	...	...	...	...	...	...	...	...	1
	DISEASES OF BONES EXCLUSIVE OF THE SPINE.													
734	Chronic abscess	...	...	...	...	...	...	...	1	...	3	...	...	4
735	Caries	...	...	...	...	...	...	...	1	...	...	...	...	1
	Sinus abdominal wall to abscess leading behind prostate ...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Sloughing wound leg	...	...	...	...	...	...	...	...	1	1	...	...	2
	DISEASES OF JOINTS (EXCLUSIVE OF THE SPINE).													
746	Inflammation	...	...	...	...	...	...	...	...	...	...	...	...	...
	A Synovitis	1	1	1	2	...	1	...	1	2	1	1	...	11
749	Ankylosis	...	...	...	...	...	...	...	...	1	...	...	...	1
753	Dislocation of joint	...	...	...	...	...	...	...	...	...	1	...	...	1
	Excision knee joint	...	...	...	...	...	1	...	...	...	...	...	...	1
	Suppurating knee joint	...	...	...	...	...	...	...	...	...	...	1	...	1
	DISEASES OF THE SPINE.													
760	Caries	...	...	1	1	...	...	...	...	...	...	...	...	2
761	Necrosis	...	...	...	2	...	...	...	1	3	...	...	1	7
762	Scrolumber and other abscesses ...	2	...	...	...	2	...	...	...	1	...	...	...	5

20—*concluded.*

SPECIFIC CAUSES of DEATHS in 1909 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*concluded.*

	CAUSES OF DEATH.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	DISEASES OF THE MUSCLES.													
	Sinus	...	...	...	...	...	...	...	1	...	...	...		2
	DISEASES OF THE CONNECTIVE TISSUE.													
798	Inflammation	1	...	4	1	2	2	...	1	1	...	2	1	14
799	Abscess	6	9	...	5	2	...	4	1	...	...	3	3	33
800	Gangrene	4	3	6	2	3	3	3	4	2	2	1	...	33
80[illegible]	Œdema	...	2	...	...	1	...	...	1	...	...	1	...	5
	Filariasis	...	...	...	...	...	1	...	...	...	...	...	...	1
	Suppuration left hand	...	...	...	...	...	1	...	...	...	...	...	...	1
	DISEASES OF THE SKIN.													
843	Ulcer	...	1	...	...	...	...	...	...	2	1	1	1	6
846	Carbuncle	...	...	1	...	3	...	2	1	...	...	1	...	8
	INJURIES.													
	Drowning	2	5	2	7	10	11	12	14	13	15	12	11	114
	Burns and Scalds	6	3	3	5	5	3	1	2	3	...	6	4	46
	Sunstroke	...	...	1	...	...	...	...	...	...	...	1	...	2
	Heat Apoplexy	...	...	...	...	2	1	...	...	...	...	...	...	3
	Injuries Caused—													
	By Vehicles and Animals ...	9	8	3	2	1	4	...	3	3	6	6	4	44
	In Ships and Docks	...	1	...	1	3	2	2	1	...	4	2	3	19
	In Building Operations ...	1	1	1	...	2	...	3	1	2	1	5	...	17
	By Machinery and Railway ...	4	...	4	3	1	3	1	1	4	4	3	4	32
	By fall from houses, stairs, trees, &c., ...	1	1	2	3	2	2	...	3	5	8	7	4	38
	By fall of earth, stone, wood, metals, bags, bales &c., on body	4	1	2	4	2	2	1	3	1	...	2	4	26
	Otherwise or not stated	2	5	5	2	1	3	3	2	...	2	...	...	25
	Suffocation and Strangulation ...	3	1	...	3	...	...	2	...	1	1	...	2	13
	Privation and Starvation	17	32	16	17	8	22	6	10	10	27	18	20	203
	Incised penetrating &c., wounds and Stabs...	2	2	1	...	1	2	2	3	...	3	3	3	22
	Fractures &c.	1	4	1	3	2	1	2	3	3	3	2	4	29
	Gunshot wound	...	...	...	...	...	1	...	2	1	1	...	...	5
	POISONS.													
	Poisons, Poisonous Vapours, animals and Reptiles	5	5	5	1	3	3	5	9	5	5	5	9	60

TABLE of VACCINATIONS performed in 1909.

Ward.	SECTION.	Population (census of 1901).	Number of Depôts in each District.	Number of Vaccinators in each District.	Number of Persons vaccinated.			Average number of Persons vaccinated by each Vaccinator.	Primary Vaccinations.							Re-vaccinations.			Percentage of successful cases where results were known.		Persons successfully vaccinated per 1,000 of population.	Average annual number of persons successfully vaccinated during the past 5 years.		Average annual number of deaths from small-pox during the past 5 years.		Average cost of each successful vaccination.
									Total.			Successful.															
					Males.	Females.	Total.		Males.	Females.	Total.	Under one year.	One year and under 6 years.	6 years and above.	Total.	Unknown.	Total.	Successful.	Unknown.	Primary vaccination.	Re-vaccination.		Number.	Ratio per 1,000 of Population.	Number.	Ratio per 1,000 of Population.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
																											Rs. a. p.
A	Upper Colaba	3,775	...	...	516	252	768	4,873	183	201	384	283	55	...	338	44	384	10	357	99·41	37·03	18·23	325	17·81	1	·25
	Middle and Lower Colaba.	15,310	...	...																					11	·60
	Fort South	3,944	1	...	549	355	904		230	248	478	341	92	8	441	36	426	25	388	99·77	65·78	14·24	551	18·28	1	·27
	Fort North	28,778	...	1																					14	·52
	Esplanade	11,015	...	...	504	122	626		72	75	147	90	34	1	134	13	479	10	399	100·00	12·50	13·07	132	12·25	9	·83
B	Mandvi	38,158	...	...	257	221	478		194	220	414	251	120	4	375	30	64	...	63	97·65	...	9·82	439	12·38	40	1·12
	Chukla	29,362	1	...	408	279	687		366	279	645	354	116	6	476	162	42	...	42	97·94	...	16·21	526	19·21	16	·58
	Umarkhadi	53,610	...	...	520	520	1,040		462	492	954	700	170	5	875	55	86	1	84	97·33	50·00	16·34	887	17·20	48	·93
	Dongri	32,663	1	1	489	487	976		413	445	858	681	102	1	784	47	118	1	112	96·67	16·66	24·03	755	25·24	30	1·00
C	Market	35,305	...	...	294	238	532		199	229	428	267	113	3	383	37	104	1	100	97·95	25·00	10·87	445	13·67	19	·58
	Dhobi Talao	36,594	...	...	1,455	571	2,026		394	417	811	554	118	14	686	114	1,215	21	1,184	98·42	67·74	19·31	766	22·67	46	1·36
	Fanaswadi	29,240	1	1	375	273	648		243	238	481	308	126	8	442	23	167	1	157	96·50	10·00	15·15	420	17·43	26	1·07
	Bhuleshwar	38,129	...	...	315	253	568		231	250	481	304	130	1	435	40	87	2	64	98·63	8·69	11·46	489	13·98	24	·68
	Khara Talao	26,935	...	...	374	261	635		202	217	419	294	78	3	375	34	216	...	212	97·40	...	13·02	441	17·34	17	·66
	Kumbharwada	32,784	1	1	514	423	937		297	317	614	468	72	...	540	57	323	...	319	96·94	...	16·47	510	16·61	37	1·20
D	Khetwadi	33,579	...	...	360	277	637		281	258	539	404	90	1	495	33	98	6	81	97·82	35·29	14·92	597	19·25	18	·58
	Girgaum	28,449	1	...	409	301	710		353	284	637	437	146	9	592	39	73	6	48	98·09	24·00	21·02	567	24·63	17	·73
	Chowpati	13,033	...	...	112	111	223		101	108	209	143	43	4	190	15	14	1	10	97·93	25·00	14·55	216	20·54	7	·66
	Walkeshwar	12,685	1	...	506	260	766		108	105	213	145	28	2	175	37	553	...	545	99·43	...	13·79	180	13·20	5	·42
	Mahalakshmi	24,650	...	...	269	266	535		226	244	470	347	52	3	402	56	65	2	57	97·10	25·00	16·38	426	19·33	16	·72
E	Mazagaon	30,872	1	...	519	365	884		304	314	618	479	82	12	573	42	266	4	258	99·47	50·00	18·59	686	23·10	36	1·21
	Tarwadi	26,278	...	...	282	272	554		260	262	522	407	80	1	488	28	32	1	29	98·78	33·33	18·60	475	20·51	25	1·07
	2nd Nagpada	22,016	...	...	799	857	1,656		721	836	1,557	1,171	186	8	1,365	153	99	3	83	97·22	18·75	15·77	1,428	18·18	19	·92
	Kamathipura	36,484	1	1																					43	1·32
	Tardeo	28,193	...	...																					34	1·34
	Byculla	76,280	...	...	828	772	1,600		635	713	1,348	1,014	181	6	1,201	133	252	14	222	98·84	40·66	15·26	1,103	14·69	76	1·10
	1st Nagpada	3,335	1	...																					3	·48
F	Parel	46,960	...	...	541	558	1,099		492	520	1,012	803	160	4	967	32	87	1	74	98·67	7·69	20·61	777	18·70	55	1·32
	Sewri	15,985	1	...	236	205	441		223	196	419	325	64	...	389	20	22	...	22	97·49	...	24·33	269	20·21	10	·75
	Sion	30,515	...	1	431	418	849		373	396	769	586	138	8	732	33	80	2	71	99·45	22·22	24·05	582	20·43	20	·70
G	Mahim	31,178	...	...	626	638	1,258		603	632	1,235	966	205	10	1,181	34	23	1	19	98·33	25·00	37·91	976	32·90	16	·50
	Worli	69,488	1	...	677	646	1,323		593	606	1,199	961	162	3	1,126	61	124	1	121	98·94	33·33	16·21	977	16·30	68	1·13
	Harbour, Docks, Railways and Homeless ...	32,240	...	..	5,082	794	5,876		307	289	596	125	60	...	185	411	5,280	61	5,179	99·46	60·39	7·63	188	5·46	16	·46
	Total ...	977,822	12	6	18,241	10,995	29,236		9,033	9,391	18,457	13,217	3,003	125	16,345	1,818	10,779	175	10,300	98·23	33·53	16·89	16,133	17·98	823	·91	1—6—5

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TABLE of Births registered and of Vaccinations of Infants under one year of age performed in the year 1909.

Ward.	SECTION.	Total number of births exclusive of still-born.	Still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of vaccination to births registered.
A	Upper Colaba	97	7	15	82	318	79·89
	Middle and Lower Colaba	287	34	124	163		
	Fort South	14	2	7	7		
	Fort North	525	45	168	357	362	68·95
	Esplanade	154	29	96	58	110	71·42
C	Mandvi	442	43	268	174	271	61·31
B	Chukla	569	55	216	353	396	69·59
	Umarkhadi	1,026	120	460	566	745	72·61
	Dongri	704	78	333	371	743	105·53
C	Market	359	38	198	161	296	82·45
	Dhobi Talao	704	67	272	432	605	85·93
	Fanaswadi	445	49	173	272	330	84·15
	Bhuleshwar	530	57	331	199	338	63·77
	Khara Talao	535	52	287	248	322	60·18
	Kumbharwada	590	51	286	304	521	88·30
D	Khetwadi	540	63	216	324	432	80·00
	Girgaum	419	69	219	200	466	111·21
	Chowpati	205	15	64	141	158	77·07
	Walkeshwar	171	8	40	131	174	101·75
	Mahalakshmi	486	30	160	326	392	80·65
E	Mazagaon	754	63	295	459	508	67·37
	Tarwadi	753	76	389	364	433	57·50
	2nd Nagpada	507	51	246	261	1,323	66·51
	Kamathipura	817	90	456	361		
	Tardeo	665	58	266	399		
	Byculla	2,575	186	713	1,862	1,109	41·47
	1st Nagpada	99	6	34	65		
F	Parel	1,021	59	387	634	837	81·97
	Sewri	396	31	153	243	348	87·87
	Sion	774	65	274	500	614	79·32
G	Mahim	804	64	255	549	1,004	124·87
	Worli	1,370	145	629	1,241	1,018	54·43
	Harbour, Docks, Railways and Homeless	2	...	...	2	379	...
	Total ...	19,839	1,806	8,030	11,809	14,552	73·35

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TABLE of Primary Vaccinations performed with different kinds of Lymph in 1909.

	Total Number of Operations.	Successful.	Unknown.	Percentage of Success after deducting the unknown cases.
I Calf Lymph	3,785	3,493	268	99·32
II Glycerinated Lymph	14,672	12,852	1,550	97·94
III Lanolinated Lymph	...	...	...	...
IV Human Lymph	...	...	...	...
Total ...	18,457	16,345	1,818	98·23

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TABLE of prosecutions instituted by the Vaccination Department in 1909.

1	2	3	4	5	6	7
Section of the Act.	Nature of Charge.	Number of Cases Instituted.	Number of Cases Discharged	Otherwise.	Number of Cases Convicted.	Amount of Fines Inflicted.
	Nil.	...	...	...	...	...
	,,	...	...	...	...	...

TABLE of DEATHS by Disease

Ward.	SECTION.	GENERAL DISEASES.																	
					FEVERS.														
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer.	Premature Birth.
A	Upper Colaba ...	...	...	3	...	1	4	...	...	...	...	...	1	3	4	...	...	...	2
	Middle & Lower Colaba.	3	1	108	...	3	7	39	...	1	...	...	15	22	11	3	...	1	6
	Fort South	2	...	10	...	5	1	8	...	...	...	...	1	5	...	...	...	...	1
	Fort North	12	...	131	...	5	29	112	2	...	4	...	26	52	16	13	...	7	20
	Esplanade	6	...	38	...	3	31	114	6	...	...	..	18	52	13	2	...	1	5
B	Mandvi	9	...	211	...	3	4	92	2	...	...	...	28	20	21	19	2	2	1
	Chukla	12	1	195	...	2	3	43	1	...	...	...	11	13	14	24	...	1	1
	Umarkhadi	45	12	349	...	4	41	102	17	...	2	...	32	103	49	12	...	4	7
	Dongri	11	8	172	...	...	23	81	6	...	...	...	22	56	30	6	...	1	3
C	Market	15	...	170	...	1	12	66	3	...	...	...	43	29	24	14	2	2	3
	Dhobi Talao	37	4	241	...	10	10	87	2	...	...	...	43	54	18	10	...	3	5
	Fanaswadi	19	...	191	...	5	3	45	...	...	...	...	28	29	15	3	...	1	1
	Bhuleshwar	17	...	249	...	2	9	86	2	...	...	...	66	81	17	19	...	...	10
	Khara Talao	14	3	192	...	...	11	60	...	...	...	...	16	73	23	20	3	1	1
	Kumbharwada ...	27	3	180	...	...	...	29	1	...	...	...	47	34	23	9	...	1	...
D	Khetwadi	6	...	98	...	5	4	43	2	...	...	...	20	51	19	9	2	2	7
	Girgaum	20	...	115	...	9	6	60	1	...	...	...	32	34	19	13	1	5	14
	Chowpati	1	...	43	...	3	2	10	...	...	...	...	15	12	10	3	...	1	1
	Walkeshwar	...	...	12	...	...	3	6	...	...	...	...	3	3	2	2	...	2	5
	Mahalakshmi ...	3	...	83	...	2	5	56	...	...	...	...	8	56	21	6	...	3	1
E	Mazagaon	24	2	231	...	...	7	127	...	...	...	...	22	27	56	9	...	...	7
	Tarwadi	4	4	125	...	6	20	131	5	...	...	...	9	104	63	10	...	1	17
	2nd Nagpada ...	5	1	93	...	...	2	99	...	...	...	...	6	31	72	23	...	1	4
	Kamathipura ...	12	4	178	...	...	4	154	5	...	...	...	10	60	52	26	...	...	5
	Tardeo	4	1	131	...	3	3	63	2	...	...	...	15	69	32	8	...	...	2
	Byculla	19	2	515	...	4	12	169	23	...	...	...	47	131	164	42	2	1	9
	1st Nagpada... ...	2	...	22	...	1	3	10	1	...	...	...	8	5	10	3	...	1	1
F	Parel	24	4	204	...	3	5	115	3	...	1	...	29	84	37	12	1	1	6
	Sewri...	8	...	144	...	...	2	53	...	...	...	...	6	28	17	2	...	1	...
	Sion	19	6	132	...	2	4	70	2	...	...	...	20	47	25	19	79	2	2
G	Mahim	12	5	213	...	...	4	22	1	...	...	...	29	89	26	8	...	1	...
	Worli	62	14	413	...	5	2	142	6	...	...	...	36	132	85	14	3	2	4
	Harbour, Docks, Railways & Homeless ...	19	...	5	...	5	17	28	...	...	...	...	15	3	5	...	...	...	...
	Total ...	473	75	5,197	...	92	293	2,322	93	1	7	...	727	1,592	993	353	95	49	151

and Section in 1909.

				LOCAL DISEASES.												INJURIES.					
							RESPIRATORY SYSTEM.									GENERAL.					
Debility.	Old Age.	Tubercle of Lungs, including other Tubercular Diseases.	Other General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion & Connective Tissue.	Other Local Diseases.	Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
5	4	2	5	7	...	2	3	10	4	...	3	1	7	2	...	...	1	...	1	...	68
42	17	11	28	19	...	5	29	143	18	...	4	2	34	...	1	4	6	1	5	...	555
2	1	2	3	3	...	3	4	12	5	...	3	...	2	...	...	1	2	...	...	...	74
63	48	20	50	62	...	19	65	188	37	2	15	4	45	3	1	3	14	2	7	1	1,033
39	24	20	22	19	...	8	36	137	24	1	7	6	23	3	...	3	36	5	...	...	679
86	125	8	73	94	1	9	67	357	36	1	7	4	43	2	...	2	17	4	2	...	1,309
50	106	11	61	90	...	9	94	276	34	...	5	4	55	3	2	...	16	5	1	...	1,053
96	38	104	163	140	1	25	250	498	82	1	26	9	120	7	...	4	20	4	...	...	2,247
127	40	38	103	47	...	2	90	303	32	2	9	5	78	4	...	2	6	6	3	...	1,238
43	62	11	40	85	...	15	59	202	52	2	6	3	38	5	...	2	12	3	...	1	987
82	57	24	73	75	...	23	58	342	63	2	23	12	67	5	...	8	11	10	1	...	1,393
52	39	8	40	45	...	16	36	196	39	2	10	9	49	4	...	6	9	2	...	...	854
82	68	16	89	94	...	9	126	404	42	...	5	11	57	5	...	3	11	6	3	2	1,534
95	87	3	70	115	1	8	67	305	40	...	8	3	52	9	...	1	8	3	...	1	1,240
99	35	4	57	77	...	7	80	284	38	...	3	2	51	1	...	2	3	3	6	...	1,055
65	35	14	68	61	...	10	46	236	44	2	11	10	63	5	1	5	6	5	3	6	901
58	56	12	48	87	...	16	62	233	51	...	18	3	69	4	...	2	7	1	3	8	998
20	15	4	16	25	...	4	16	61	21	...	7	3	15	2	...	1	2	1	...	2	301
18	8	3	8	14	...	3	5	42	8	1	4	2	8	1	1	4	...	1	...	...	161
70	26	4	49	33	1	11	45	133	23	...	5	1	30	1	...	2	6	7	1	2	664
114	123	5	31	61	...	9	42	282	40	...	9	2	63	2	1	3	12	5	1	6	1,260
108	61	38	76	54	1	8	55	300	73	1	19	4	76	13	3	5	79	12	1	1	1,411
66	116	8	70	102	...	6	106	251	15	...	7	4	51	3	1	3	6	3	2	1	1,107
161	100	14	111	156	1	6	153	377	44	...	18	7	90	6	...	2	6	12	3	2	1,089
87	57	9	94	80	...	13	87	231	18	...	7	3	58	2	1	...	6	5	2	...	1,035
275	254	23	200	161	...	17	115	747	61	1	9	2	186	5	1	3	18	12	3	2	3,049
11	9	5	10	12	...	4	15	40	4	...	1	1	6	1	...	...	2	2	...	...	184
206	47	5	59	87	...	3	165	276	25	5	9	5	59	5	...	3	8	7	3	1	1,448
68	22	2	12	27	...	2	45	109	12	...	2	1	31	3	...	...	3	1	1	...	571
150	33	4	33	36	...	5	100	165	35	...	7	7	65	5	1	9	5	3	1	...	1,028
99	44	3	49	55	...	3	72	274	32	...	13	2	64	6	...	5	8	4	2	2	1,083
270	133	8	115	118	...	11	220	541	32	1	12	11	145	6	...	16	17	1	4	4	2,440
...	15	4	2	2	...	3	2	19	4	...	2	...	...	3	...	10	16	9	1	5	194
2,809	1,905	447	1,928	2,143	6	294	2,415	7,974	1,088	24	294	143	1,806	126	14	114	379	145	60	47	34,578

TABLE of DEATHS by Race, Cause and Sex in 1909.

RACE OR CASTE.	GENERAL DISEASES.																			
	Small-pox.		Measles.		Plague.		Fevers.										Influenza.		Whooping Cough.	
							Scarlet Fever.		Enteric Fever.		Malarial Fever.		Ague and Remittent Fever.		Relapsing Fever.					
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.
Jains	9	6	...	...	244	40	...	...	2	...	5	1	66	33	1	...	...	...	1	...
Brahmins	16	11	2	1	156	47	...	...	3	2	2	1	56	36	1	1	...	...	...	...
Lingaits	...	...	...	...	19	6	...	...	...	...	...	...	6	8	...	...	...	...	...	...
Bhatias	...	1	...	1	11	9	...	...	1	...	4	1	20	10	1	...	...	...	...	...
Hindus of Other Castes	126	107	21	17	2,092	937	...	...	13	3	81	22	725	376	54	9	...	...	...	...
Hindus, Low Castes	18	23	10	2	273	190	...	...	...	...	14	11	167	133	3	2	...	...	...	...
Mussalmans	54	32	10	6	606	257	...	...	7	3	72	17	282	179	17	1	...	...	1	1
Parsees	4	...	...	...	56	54	...	...	13	4	10	12	35	45	...	...	...	...	1	1
Jews...	...	...	...	...	4	9	...	...	...	...	2	1	2	2	...	...	1	...	...	...
Native Christians	41	23	1	2	113	58	...	...	20	3	12	7	67	53	3	...	...	...	1	1
Eurasians	1	...	...	...	4	2	...	...	...	1	4	2	5	4	...	...	...	...	...	...
Europeans	1	...	...	...	2	3	...	...	10	5	9	3	2	3	...	...	...	...	...	...
Negro-Africans	...	...	...	...	2	2	...	...	...	...	...	...	2	3	...	...	...	...	...	...
Buddhists	...	...	2	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
Other and unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
All Castes ... Males	270	...	46	...	3,583	...	...	...	69	...	215	...	1,436	...	80	...	1	...	4	...
All Castes ... Females	...	203	...	29	...	1,614	...	...	...	23	...	78	...	886	...	13	...	...	...	3
All Castes ... Persons	473		75		5,197		.....		92		293		2,322		93		1		7	

TABLE of DEATHS by Race, Cause and Sex in 1909—*continued.*

RACE OR CASTE.	GENERAL DISEASES—*contd.*																			
	Diphtheria.		Cholera.		Diarrhœa		Dysentery.		Puerperal Septicæmia.		Leprosy.		Cancer.		Premature Birth.		Debility.		Old Age.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	...	...	13	12	17	19	9	5	...	15	...	1	2	1	1	1	31	23	20	24
Brahmins	...	...	42	28	33	25	22	9	...	11	...	...	...	1	3	3	37	29	22	34
Lingaits	...	...	1	1	2	1	7	2	...	...	...	...	...	...	...	...	5	7	2	6
Bhatias	...	...	3	1	4	5	1	2	...	10	...	...	...	1	...	...	10	11	14	23
Hindus of Other Castes	...	...	252	221	370	272	287	168	...	160	40	21	8	6	17	11	851	736	373	491
Hindus, Low Castes	...	...	29	21	133	112	71	64	...	35	5	5	1	...	11	14	226	215	54	86
Mussulmans	...	...	46	5	196	150	164	109	...	115	12	2	4	4	11	9	267	198	340	282
Parsees	...	...	8	3	35	49	7	8	...	9	1	...	4	7	11	20	28	33	29	35
Jews	...	...	1	...	3	7	5	4	...	4	...	...	1	1	1	2	11	4	6	11
Native Christians	...	...	26	12	57	74	24	8	...	3	6	2	1	5	7	16	31	43	13	28
Eurasians	...	...	1	...	3	7	3	...	...	...	...	...	1	...	3	2	...	2	1	...
Europeans	...	...	...	...	5	11	4	5	...	...	...	...	1	...	4	2	3	3	1	2
Negro-Africans	...	...	...	...	1	...	1	3	...	1	...	...	...	...	...	...	3	...	3	2
Buddhists	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...
Other and Unknown Castes ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	1	1	...	...
All Castes ... Males ...	...	...	422	...	860	...	606	...	...	...	64	...	23	...	69	...	1,504	...	881	...
All Castes ... Females ...	...	...	...	305	...	732	...	387	...	363	...	31	...	26	...	82	...	1,305	...	1,024
All Castes ... Persons ...	...		727		1,592		993		363		95		49		151		2,809		1,905	

TABLE of DEATHS by Race, Cause and Sex in 1903—*contd.*

RACE OR CASTE.	GENERAL DISEASES—*contd.*				LOCAL DISEASES.															
	Tubercle of Lungs including other Tubercular Diseases.		Other General Diseases.		Nervous System.		Diseases of the Eye, Ear and Nose.		Circulatory System.		Respiratory System.				Digestive System.		Lymphatic System.		Urinary System.	
											Phthisis.		Other Diseases of the Respiratory System.							
	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	2	7	17	20	50	38	...	1	9	2	24	41	175	106	27	18	...	...	1	3
Brahmins	1	6	24	35	60	40	...	...	15	...	26	38	203	136	24	26	1	...	5	5
Lingaits	...	...	7	3	6	4	...	...	1	...	2	6	24	10	3	1	...	...	...	...
Bhatias	1	2	5	4	5	11	...	...	6	1	4	13	34	30	7	5	...	...	2	...
Hindus of Other Castes	91	52	451	414	453	360	1	1	59	20	523	614	2,193	1,610	288	182	8	2	73	39
Hindus, Low Castes	3	10	84	87	133	108	...	...	8	2	102	112	527	402	36	30	1	...	7	8
Mussulmans	66	91	248	340	330	266	...	...	57	14	276	514	1,210	847	173	70	1	2	45	19
Parsees	8	21	47	42	78	58	...	1	27	25	12	22	71	89	52	32	3	4	23	15
Jews	2	4	7	11	5	7	...	...	2	1	5	7	20	20	5	6	...	...	1	3
Native Christians	34	18	29	23	51	49	...	2	20	5	40	25	115	87	34	35	1	...	23	11
Eurasians	5	7	1	7	6	8	...	...	5	3	1	3	10	10	7	2	...	...	1	2
Europeans	9	3	11	4	10	3	...	...	10	2	...	1	19	9	17	11	...	1	6	2
Negro-Africans	2	1	1	3	1	1	...	...	...	...	2	1	6	4	1	...	...	...	...	...
Buddhists	1	...	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Other and Unknown Castes ...	...	...	2	...	...	1	...	...	...	...	...	...	3	4	...	1	...	...	...	...
All Castes ... Males	225	...	935	...	1,188	...	1	...	219	...	1,017	...	4,610	...	669	...	15	...	197	...
All Castes ... Females	...	222	...	993	...	955	...	5	...	75	...	1,398	...	3,364	...	419	...	9	...	107
All Castes ... Persons	447		1,928		2,143		6		294		2,415		7,974		1,088		24		294	

TABLE of DEATHS by Race, Cause, and Sex in 1909—*concluded.*

RACE OR CASTE.	LOCAL DISEASES—*contd.*								INJURIES.						Poisons.		Unspecified Causes.		All Causes.			Percentage to the total mortality.
	Generative System.		Still-born.		Organs of Locomotion and Connective Tissue.		Other Local Diseases.		GENERAL.				Local Injuries.									
									Drowning.		Other General Injuries.											
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.	
Jains	2	6	26	11	2	2	...	...	2	1	4	3	1	1	2	2	1	...	740	432	1,172	3·36
Brahmins ...	1	8	26	18	2	2	...	...	2	1	5	5	3	...	1	...	...	...	768	541	1,309	3·75
Lingaits	...	1	5	3	...	...	...	...	...	...	...	1	1	1	...	...	1	...	87	58	145	·41
Bhatias	...	2	6	4	...	...	...	...	1	...	2	...	...	...	...	...	...	...	136	143	279	·79
Hindus of Other Castes	6	54	459	352	35	22	3	...	45	22	123	49	63	5	14	13	25	5	9,759	7,021	16,780	48·11
Hindus, Low Castes	2	10	152	116	4	3	1	...	4	...	10	7	7	6	2	2	1	...	1,947	1,700	3,647	10·45
Mussulmans ...	2	26	233	168	18	14	2	2	18	5	103	34	22	10	7	2	10	1	4,677	3,627	8,304	23·80
Parsees	5	8	45	41	6	4	...	...	9	...	3	3	7	3	8	2	...	...	601	609	1,210	3·46
Jews	1	...	7	4	2	...	...	...	...	...	1	...	...	...	1	...	...	...	89	104	193	·55
Native Christians.	...	6	40	27	8	1	...	4	3	...	12	5	10	...	2	...	...	2	805	611	1,416	4·05
Eurasians ...	...	...	1	3	...	...	1	...	...	...	1	...	1	...	...	...	...	...	65	62	127	·36
Europeans ...	1	2	7	1	...	1	1	...	1	...	4	...	3	...	2	...	1	...	137	76	213	·61
Negro-Africans ...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	27	21	48	·13
Buddhists ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	5	14	·04
Other and Unknown Castes...	...	...	25	25	...	...	...	...	...	...	...	3	...	...	...	...	...	...	8	13	21	·06
All Castes. Males ...	10	...	1,032	...	77	...	8	...	85	...	269	...	119	...	39	...	39	...	19,855	...	...	
All Castes. Females ...	...	123	...	774	...	49	...	6	...	29	...	110	...	26	...	21	...	8	...	15,023	34,878	
All Castes. Persons ...	143		1,806		126		14		114		379		145		60		47		34,878			

Table of DEATHS by Age, Sex and Cause in 1909.

AGE.		GENERAL DISEASES.																			
		Small-pox.		Measles.		Plague.		Fever.										Influenza.		Whooping Cough.	
								Scarlet Fever.		Enteric Fever.		Malarial Fever.		Ague and Remittent Fever.		Relapsing Fever.					
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS	1 to 30	3	3	...	...	...	...	...	...	...	...	...	...	18	15	...	...	...	...	...	...
MONTHS	1 to 6	25	33	5	3	...	...	...	...	...	...	3	1	36	34	...	...	...	...	1	1
	7 to 12	31	39	16	3	4	...	...	...	...	...	3	4	36	42	...	...	...	...	...	1
YEARS	1 to 2	24	24	8	8	4	...	...	...	...	...	1	...	33	41	...	...	...	...	...	1
	2 to 3	9	9	4	4	7	15	...	...	...	...	3	1	16	17	...	...	...	...	1	...
	3 to 4	6	7	2	5	14	16	...	...	...	...	1	...	19	17	...	...	...	...	1	...
	4 to 5	4	5	2	1	21	16	...	...	...	1	2	3	17	16	...	...	...	...	...	...
	5 to 10	17	18	4	3	189	218	...	...	3	...	11	9	75	82	...	1	...	...	1	...
	10 to 15	11	8	2	1	466	239	...	...	5	3	9	6	90	72	4	1	...	...	...	...
	15 to 20	44	20	1	1	650	239	...	...	9	5	23	5	184	112	14	2	...	...	...	...
	20 to 25	34	17	...	...	693	247	...	...	18	4	24	5	235	113	17	2	...	...	...	...
	25 to 30	22	11	...	...	552	202	...	...	14	2	28	11	173	84	19	4	...	...	...	...
	30 to 35	11	3	...	...	333	109	...	...	10	2	18	7	136	59	5	...	...	...	...	...
	35 to 40	14	4	1	...	251	98	...	...	5	2	20	6	126	50	7	...	...	...	...	...
	40 to 45	6	1	...	...	130	65	...	...	3	2	9	3	55	34	7	...	...	...	...	...
	45 to 50	4	1	1	...	128	65	...	...	1	1	20	6	78	24	4	2	...	...	...	...
	50 to 55	...	...	...	...	41	29	...	...	1	1	9	3	26	5	1	...	...	...	...	...
	55 to 60	2	...	...	...	62	46	...	...	...	...	13	2	44	32	...	1	1	...	...	...
	60 and over	3	...	...	...	38	20	...	...	...	...	17	6	39	37	2	...	...	...	...	...
	Unspecified Ages	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
ALL AGES	Males	270	...	46	...	3,583	...	...	...	69	...	215	...	1,436	...	80	...	1	...	4	...
	Females	...	203	...	29	...	1,614	...	...	...	23	...	78	...	886	...	13	...	...	...	3
	Persons	473		75		5,197		.....		92		293		2,322		93		1		7	

Table of DEATHS by Age, Sex and Cause in 1909—*continued.*

AGE.		GENERAL DISEASES—*contd.*																			
		Diphtheria.		Cholera.		Diarrhœa.		Dysentery.		Puerperal Septicæmia.		Leprosy.		Cancer.		Premature Birth.		Debility.		Old Age.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS	1 to 30	...	...	...	...	18	36	2	3	...	...	...	...	...	...	69	81	1,262	1,040	...	...
MONTHS	1 to 6	...	...	...	1	85	79	17	9	...	...	...	...	...	...	...	1	125	139	...	...
	7 to 12	...	...	...	3	138	155	34	35	...	...	...	...	...	...	...	...	27	33	...	...
YEARS	1 to 2	...	...	5	2	94	93	29	39	...	...	...	...	...	...	...	...	11	12	...	...
	2 to 3	...	...	2	5	30	36	11	21	...	...	...	...	...	...	...	...	5	2	...	...
	3 to 4	...	...	4	1	12	12	20	16	...	...	...	...	...	...	...	...	1	...	...	...
	4 to 5	...	...	3	6	8	8	10	6	...	...	...	...	...	...	...	...	1	1	...	...
	5 to 10	...	...	18	20	24	21	36	24	...	...	...	...	...	...	...	...	1	2	...	...
	10 to 15	...	...	25	15	7	7	22	22	...	9	1	3	...	...	...	...	2	2	...	...
	15 to 20	...	...	46	41	24	24	49	27	...	108	5	1	...	1	...	...	4	13	...	...
	20 to 25	...	...	73	43	58	28	65	37	...	100	4	3	1	...	...	...	3	7	...	...
	25 to 30	...	...	66	38	46	42	79	45	...	86	7	6	2	...	...	...	12	10	...	...
	30 to 35	...	...	40	25	47	22	50	23	...	34	14	7	1	1	...	...	6	4	...	...
	35 to 40	...	...	48	25	43	26	47	21	...	15	10	2	1	4	...	...	7	10	...	...
	40 to 45	...	...	28	21	39	15	34	10	...	2	4	2	2	1	...	...	7	8	...	...
	45 to 50	...	...	19	26	50	20	38	12	...	2	7	3	5	5	...	...	30	22	...	1
	50 to 55	...	...	11	7	18	13	18	7	...	1	6	2	3	3	...	...	...	...	19	17
	55 to 60	...	...	17	14	58	34	21	19	...	...	3	...	4	6	...	...	...	...	141	133
	60 and over	...	...	17	12	60	61	24	11	...	...	3	2	4	5	...	...	...	...	721	873
	Unspecified Ages	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES.	Males	...	...	422	...	860	...	606	...	...	...	64	...	23	...	69	...	1,504	...	881	...
	Females	...	...	...	305	...	732	...	387	...	363	...	31	...	26	...	82	...	1,305	...	1,024
	Persons	...		727		1,592		993		363		95		49		151		2,809		1,905	

Table of DEATHS by Age, Sex and Cause in 1909—*continued.*

AGE.	GENERAL DISEASES—*contd.*				LOCAL DISEASES.													
	Tubercle of Lungs, including other Tubercular Diseases.		Other General Diseases.		Nervous System.		Diseases of the Eye, Ear and Nose.		Circulatory System.		Respiratory System.				Digestive System.		Lymphatic System.		Urinary System.	
											Phthisis.		Other Diseases of the Respiratory System.							
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS 1 to 30	...	...	12	6	156	145	...	1	...	2	...	...	32	30	9	13	...	...	...	...
MONTHS 1 to 6	1	1	37	38	454	361	...	...	1	...	...	...	475	432	24	25	...	1	...	...
MONTHS 7 to 12	1	4	111	106	186	164	...	...	...	...	...	...	680	582	75	82	...	...	...	...
YEARS 1 to 2	3	2	156	165	67	53	...	1	1	...	...	1	353	326	43	52	3	...	...	1
2 to 3	1	1	62	96	15	24	...	...	...	1	...	1	99	129	7	8	1	...	...	1
3 to 4	...	...	30	38	6	3	...	...	...	1	2	3	56	61	...	4	...	...	1	...
4 to 5	...	...	13	26	8	4	...	...	...	...	3	...	38	50	4	5	...	...	1	...
5 to 10	3	14	26	55	8	12	...	...	1	3	45	33	94	107	12	14	2	...	3	...
10 to 15	5	27	29	55	8	17	...	...	3	2	52	134	75	81	6	11	...	2	3	6
15 to 20	29	37	64	92	7	19	...	1	6	5	136	284	217	108	37	27	...	1	6	13
20 to 25	37	40	78	96	19	18	...	1	16	8	220	336	269	95	64	34	...	...	12	14
25 to 30	45	40	70	69	12	14	...	...	24	11	107	237	282	107	68	38	...	2	19	21
30 to 35	31	17	50	38	24	8	...	1	25	7	38	150	268	98	77	27	1	...	13	8
35 to 40	27	13	64	50	31	13	...	...	20	3	105	123	297	182	72	25	3	...	24	6
40 to 45	15	12	29	15	27	7	...	...	24	3	61	50	182	92	47	15	1	2	19	8
45 to 50	12	9	35	16	38	21	...	...	19	3	46	32	321	227	49	13	3	...	24	6
50 to 55	3	2	19	9	34	5	...	...	26	2	13	4	156	109	26	11	...	1	19	6
55 to 60	7	2	24	14	32	19	...	...	22	7	22	7	411	274	24	8	1	...	20	7
60 and over	4	1	26	9	55	48	1	...	31	17	7	3	304	283	25	10	...	...	23	10
Unspecified Ages	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
ALL AGES... Males	225	...	935	...	1,188	...	1	...	219	...	1,017	...	4,610	...	669	...	15	...	187	...
ALL AGES... Females	...	222	...	993	...	955	...	5	...	75	...	1,398	...	3,364	...	419	...	9	...	107
ALL AGES... Persons	447		1,928		2,143		6		294		2,415		7,974		1,088		24		294	

Table of DEATHS by Age, Sex and Cause in 1909—*continued.*

AGE.		LOCAL DISEASES—*contd.*								INJURIES.										All Ages.		
		Generative System.		Still-born.		Organs of Locomotion and Connective Tissue.		Other Local Diseases.		GENERAL.				Local Injuries.		Poisons.		Unspecified Causes.				
										Drowning.		Other General Injuries.										
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.
DAYS ...	1 to 30...	3	1	...	...	...	1	...	1	...	...	1	4	2	...	...	...	1	...	1,588	1,382	2,970
MONTHS	1 to 6...	...	...	...	...	1	2	...	2	...	...	3	1	...	1	...	...	...	...	1,293	1,165	2,458
	7 to 12...	...	...	...	...	...	3	...	...	...	...	...	2	1	...	...	1	...	...	1,343	1,259	2,602
YEARS...	1 to 2...	...	...	...	...	...	2	...	...	...	1	1	5	...	...	1	2	...	...	837	831	1,668
	2 to 3...	...	...	...	...	...	...	...	...	...	...	5	3	2	...	...	1	...	...	280	375	655
	3 to 4...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	176	186	362
	4 to 5...	...	...	...	...	...	...	...	...	...	...	2	1	...	1	...	...	...	...	137	150	287
	5 to 10...	...	...	...	...	4	2	...	1	4	1	3	6	5	4	1	1	...	...	560	648	1,208
	10 to 15...	...	...	...	...	2	2	...	...	6	1	4	1	6	1	...	1	1	...	844	729	1,573
	15 to 20...	...	24	...	...	4	6	...	...	5	6	22	6	5	4	3	3	2	2	1,596	1,237	2,833
	20 to 25...	3	28	...	...	12	6	...	1	19	7	36	11	23	3	10	5	3	...	2,046	1,315	3,361
	25 to 30...	...	38	...	...	8	1	...	...	13	1	32	11	21	4	8	5	6	2	1,825	1,142	2,967
	30 to 35...	3	16	...	...	11	3	1	...	12	3	25	5	16	...	5	1	4	...	1,375	678	2,053
	35 to 40...	...	10	...	...	11	4	1	...	8	2	34	6	9	...	3	1	6	1	1,295	702	1,997
	40 to 45...	2	3	...	...	3	3	2	1	4	3	20	7	5	...	3	...	3	...	771	375	1,146
	45 to 50...	2	2	...	...	3	3	1	...	6	2	23	11	6	2	3	...	4	1	980	538	1,518
	50 to 55...	1	...	...	...	5	4	...	...	1	1	12	7	4	...	...	...	...	2	472	242	714
	55 to 60...	3	1	...	...	7	3	2	...	2	1	21	12	6	1	2	...	5	...	977	643	1,620
	60 & over.	3	...	...	...	6	4	1	...	1	...	25	9	7	4	...	...	2	...	1,449	1,425	2,874
	Unspecified.	...	...	...	...	...	...	...	...	4	...	...	...	...	1	...	...	2	...	11	1	12
ALL AGES.	Males ...	10	...	1,032	...	77	...	8	...	85	...	269	...	119	...	39	...	39	...	19,855	...	34,878
	Females..	...	123	...	774	...	49	...	6	...	19	...	110	...	26	...	21	...	8	...	15,023	...
	Persons...	143		1,806		126		14		114		379		145		60		47		.....		34,878

TABLE of Deaths by DISEASE and

Title of Orders.	Occupation or Trade of Family.	GENERAL DISEASES.															
					FEVER.												
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
Professional General	1 (a) Imperial Government Officials, Clerks, &c.	...	...	13	...	1	2	5	...	...	...	...	1	3	4	...	...
Government ...	2 (b) Foreign Government Consuls, &c.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	3 (c) Native States, Chiefs, Staffs, Retinue, &c. ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
	4 (d) Mul. and Local Government Police, &c.	1	...	12	...	...	2	6	1	...	...	...	1	5	...	...	...
	Post and Telegraph Office Peons, &c.	...	...	10	...	...	...	5	...	...	...	...	2	2	4	...	...
Defence ...	5 (a) Army	...	...	1	...	1	2	1	...	...	...	...	...	2	2	...	...
	6 (b) Navy	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Learned professions.	7 (a) Ministers of Religions, Professors, &c.	...	...	14	...	2	1	10	...	...	...	...	6	6	6	...	...
	8 (b) Law, Medical, Literature (Science), &c.	...	...	4	...	2	...	4	...	...	...	...	3	...	1	...	...
	9 (c) Unlicensed Practitioners, Dentists, Opticians, Nurses, &c.	8	...	5	...	...	...	...	...	...	...	...	1	1	...	...	...
Commercial ...	10 (a) General Merchants in special goods	...	...	75	...	5	8	37	...	...	...	...	11	9	13	...	...
	11 (b) Bankers, Accountants, Clerks, Capitalists, Shroffs, &c.	4	...	67	...	12	6	28	...	...	...	...	9	9	9	...	1
	12 (c) Shopkeepers, other General Dealers, Hawkers, &c. ...	2	...	286	...	1	4	72	3	...	...	...	19	23	25	...	1
	13 (d) Intoxicating Drinks and Drugs Dealers	...	...	11	...	...	1	5	...	...	...	...	1	2	1	...	...
	14 (e) Vegetable Food Dealers ...	1	...	12	...	...	...	3	...	...	...	...	1	...	1	...	...
	15 (f) Vegetable Substance Makers and Dealers	...	...	3	...	...	...	...	...	...	...	...	...	...	1	...	...
	16 (g) Animal Food Dealers, fishers, &c.	...	...	2	...	...	...	1	...	...	...	...	1	2	1	...	...
	17 (h) Animal Substance Makers and Dealers	...	...	5	...	...	...	2	...	...	...	...	...	1	...	...	...
	18 (i) Entertainers, Hotel, Club, Refreshment House Keepers	1	...	19	...	1	...	2	...	...	...	...	1	1	2	...	...
	19 (j) Carriers on Road, Horse, Carriage, Cart Keepers ...	3	...	161	...	...	1	25	3	...	...	...	8	11	15	...	...
	20 (k) Carriers on Seas, Boatmen, Seamen, &c.	4	...	20	...	4	16	39	...	...	...	...	17	3	7	...	...
Railway ...	21 (a) Officials, Clerks, &c. ...	...	...	4	...	...	...	1	...	...	...	...	1	3	1	...	...
	22 (b) Workshop Servants &c. ...	1	...	34	...	5	...	16	...	...	...	...	10	6	7	...	...
	23 (c) Labourers, Earth-workers, &c.	1	...	4	...	...	...	3	...	...	...	...	...	1	...	...	...
Port & Improvement Trusts & Harbour.	24 (a) Officials, Clerks, &c.	...	...	...	...	...	...	2	...	...	...	...	1	1	...	...	...
	25 (b) General Labourers, &c. ...	...	...	2	...	1	...	5	1	...	...	...	1	1	...	...	...
Tramway ...	26 (a) Officials, Clerks, Conductors Drivers &c.	...	...	...	...	...	1	3	...	...	...	...	...	1	1	...	...
	27 (b) General Labourers	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...
Industrial ...	28 (a) Metal, &c., Workshop-keepers, Mechanical Tools Makers	...	...	...	...	...	1	1	...	...	...	...	...	2	1	...	...
	29 (b) Metal, &c., Workshop Servants, Labourers, &c....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	30 (a) Mills (Cotton, Silk, &c.), Master, Managers, Clerks, &c.	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	...
	31 (b) Weavers, Spinners and other Workers	23	...	413	...	2	6	185	5	...	...	...	34	31	63	...	3

OCCUPATION in 1909.

Cancer.	Premature Birth.	Debility.	Old Age.	Tubercle of Lungs, including other Tubercular diseases.	Other General Diseases.	LOCAL DISEASES. Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	RESPIRATORY SYSTEM. Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	INJURIES. GENERAL. Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	Total.
...	...	...	...	3	5	2	...	2	4	14	4	...	3	2	...	...	2	1	...	1	1	...	73
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	4
1	...	...	2	...	6	...	...	5	4	38	3	...	2	...	...	...	...	2	1	...	1	...	93
...	...	1	1	2	...	...	...	...	2	12	3	...	...	...	...	...	...	...	...	...	...	...	44
1	...	...	...	4	2	3	...	1	1	13	4	...	1	...	...	...	...	1	1	...	1	...	42
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	3	13	2	6	5	...	2	5	29	7	...	3	1	...	...	...	1	1	...	1	...	124
1	...	1	4	1	2	1	...	2	5	8	3	...	2	...	...	...	...	2	...	2	...	...	48
...	...	...	...	...	...	...	...	...	1	2	1	...	...	...	...	...	...	...	1	...	...	...	20
3	...	5	47	2	24	15	...	16	18	96	18	1	9	3	...	1	...	...	3	...	3	...	422
1	...	1	31	15	18	18	...	15	18	70	31	...	13	...	...	1	1	3	4	5	5	1	396
1	...	5	70	13	26	21	...	20	62	209	42	1	7	2	...	3	1	...	7	5	...	1	937
...	...	...	5	1	4	2	...	1	5	13	5	...	2	...	...	...	...	...	3	...	...	...	62
...	...	1	5	...	3	1	...	1	...	14	1	...	...	...	...	...	...	...	...	...	...	...	44
...	...	...	1	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	6	...	3	1	...	...	5	10	2	...	1	...	...	1	...	...	1	1	...	...	45
...	...	1	6	3	5	1	...	2	2	9	5	...	1	...	...	...	...	1	...	...	...	...	44
...	...	...	12	1	1	2	...	4	4	23	1	...	2	...	...	...	...	...	...	3	...	...	80
...	...	3	27	1	17	3	...	5	36	112	23	2	6	2	...	1	...	...	7	3	...	1	476
...	...	1	11	9	6	2	...	6	13	45	9	...	4	2	...	2	...	4	4	2	2	...	233
...	...	...	1	2	3	2	...	3	5	6	2	1	2	...	...	...	...	...	...	...	...	...	37
...	...	...	14	3	2	4	...	3	32	31	6	...	...	...	...	1	...	...	3	3	...	2	173
...	...	...	...	...	...	...	...	...	3	4	...	...	...	...	...	...	...	...	...	1	...	...	17
...	...	...	...	...	...	...	...	1	2	6	5	...	...	...	...	...	...	...	...	...	...	...	16
...	...	...	...	1	...	...	...	...	2	3	2	...	...	...	...	...	...	...	1	1	...	...	21
...	...	...	...	1	1	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	4
...	...	...	2	...	...	...	...	2	1	6	...	...	...	...	...	1	...	...	...	...	...	...	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	5
...	...	2	85	5	37	8	...	3	168	269	40	...	9	2	...	7	...	11	4	5	4	3	1,477

TABLE of Deaths by DISEASE and

Title of Order.	Occupation or trade of family.	GENERAL DISEASES.															
					FEVER.												
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
	32 (a) Presses (*Printing*, &c.,) Printers, Lithographers, &c.	...	...	22	...	...	1	7	...	...	...	...	2	...	1	...	...
	33 (b) Other General Labourers ...	1	...	2	...	...	...	1	...	...	...	...	1	...	...	...	...
Art ...	34 (a) Engineers, Photographers, Electricians, Architects ...	...	...	6	...	3	2	2	...	...	...	...	1	...	2	...	...
	35 (b) Builders in Boats, Houses, Coaches, &c.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
	36 (c) Watchmakers, Gilders, Engravers, &c.	...	...	5	...	...	...	1	...	...	...	...	2	1	1	...	...
	37 (d) Metal Workers	3	...	61	...	...	1	26	1	...	...	...	12	6	13	...	...
	38 (e) Wood Workers	4	...	82	...	...	1	19	1	...	...	...	10	5	11	...	...
	39 (f) Stone Workers (Precious) ..	...	...	8	...	...	...	4	...	...	...	...	1	1	1	...	...
	40 (g) Leather Workers	...	...	48	...	...	...	10	...	...	...	...	1	5	4	...	...
	41 (h) Earth, Stone, Clay, &c., Workers	...	...	31	...	...	...	14	1	...	...	...	2	3	2	...	...
	42 (i) Textile Fabrics (Cotton, Silk, &c.,) Workers	...	...	6	...	...	...	4	...	...	...	...	...	2	1	...	...
	43 (j) Dyers, Painters, &c.	2	...	25	...	...	...	9	...	...	...	...	1	7	3	...	...
	44 (k) Glass Workers	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
	45 (l) Salt Workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	46 (m) Water Workers	1	...	11	...	...	2	5	1	...	...	...	1	...	1	...	...
	47 (n) Miscellaneous Workers ...	...	1	6	...	...	...	3	...	...	...	...	...	...	5	...	...
	48 (o) Players, Actors, Dancers, Prostitutes &c.	...	...	8	...	...	...	2	...	...	...	...	...	1	2	...	...
Agriculture ...	49 (a) Gardeners, Cultivators, Farmers, &c.	...	...	15	...	..	1	9	...	...	...	...	13	2	3	...	...
	50 (b) Grass, Hay, Forage, &c., Dealers..	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...
Other and unspecified	51 (a) Barbers, Washers, Tailors, Cooks, Bakers, &c.	20	...	133	...	5	10	38	3	...	...	...	21	15	26	...	...
	52 (b) General Labourers	22	1	490	...	..	33	249	27	...	...	...	51	67	52	...	1
	53 (c) Domestic Servants, Bhistis, Ayahs &c.	1	...	13	...	...	1	7	3	...	...	...	8	4	2	...	...
	54 (d) Servants not otherwise described	17	...	463	...	6	14	99	6	...	...	...	38	33	35	...	1
	55 (e) Municipal Bigaries, Halalcores &c.	1	1	28	...	1	3	23	1	...	...	...	5	10	15	...	...
Persons of independent means.	56 (a) Landlords	...	...	1	...	...	...	2	...	...	...	...	1	2	1	...	...
	57 (b) Pensioners	...	...	3	...	...	1	6	...	...	...	...	1	5	...	...	...
	58 (c) Mendicants, &c.	5	...	129	...	...	6	76	7	...	...	...	31	53	23	...	3
Others ...	59 (a) Students	...	...	59	...	4	3	18	...	...	...	...	4	...	2	...	...
	60 (b) Prisoners and Convicts ...	...	...	1	...	...	..	...	...	...	...	...	...	1	...	...	...
	61 (c) Others (Pilgrims, Travellers &c.)	16	...	6	...	...	10	8	...	...	...	...	17	28	8	...	...
	62 Persons following no occupations—Male	9	...	170	...	5	45	54	14	1	...	...	25	72	46	...	66
	63 Persons following no occupations—Female	44	...	1,103	...	21	54	532	10	...	...	...	241	278	215	363	26
	64 Persons following no occupations—Children	278	72	1,069	...	10	52	639	5	...	7	...	106	857	331	...	3
	Total ...	473	75	5,197	...	93	293	2,323	93	1	7	...	727	1,592	993	363	95

OCCUPATION in 1909.—*concluded.*

Cancer.	Premature Birth.	Debility.	Old Age.	Tubercle of Lungs including other Tubercular diseases.	Other General Diseases.	LOCAL DISEASES. Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System. Phthisis.	Respiratory System. Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still Born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	INJURIES. General. Drowning.	General. Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	Total.
...	...	...	3	1	3	1	...	...	14	22	5	1	...	...	...	1	...	...	...	...	...	...	34
...	...	1	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	1	...	...	...	11
...	...	...	1	2	3	3	...	4	1	5	3	...	1	1	...	...	...	...	1	...	...	...	41
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	1	1	...	1	1	...	...	5	4	1	...	1	...	...	...	...	...	...	1	...	...	26
...	...	1	35	2	12	6	...	3	26	74	8	...	5	1	...	2	...	1	...	1	2	...	302
2	...	2	16	7	15	8	...	3	21	54	4	...	2	1	...	1	...	2	2	4	...	...	278
...	...	...	...	1	1	2	...	...	...	1	...	...	2	...	...	...	...	...	1	1	...	...	24
...	...	...	15	2	3	4	...	2	11	36	5	...	...	...	...	...	...	...	1	...	1	...	149
...	...	2	10	...	4	1	...	...	14	59	7	...	...	...	...	...	...	1	...	2	...	...	165
...	...	...	4	...	4	2	...	2	3	16	4	...	...	...	...	...	...	...	...	...	...	...	54
...	...	...	4	...	8	2	...	3	8	20	3	...	1	...	...	...	...	...	1	2	1	1	102
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	3	...	1	2	...	2	1	11	...	...	...	...	...	...	...	1	...	...	...	...	43
...	...	...	1	1	1	1	...	...	1	14	2	...	1	...	...	...	...	...	...	...	...	...	27
...	...	...	2	1	3	2	...	...	1	10	4	...	2	...	...	...	...	...	1	...	1	...	40
2	...	...	19	2	6	2	...	...	6	29	6	...	...	...	...	2	...	...	1	4	1	1	114
...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	5
1	...	2	37	17	24	6	...	18	49	130	29	1	12	1	...	4	...	2	3	3	1	...	611
2	...	7	79	25	50	16	...	14	113	425	42	1	9	3	...	12	1	9	38	32	5	4	1,891
...	...	1	3	...	2	...	...	...	3	6	2	...	...	...	...	...	...	1	...	...	...	...	62
1	...	6	59	21	48	16	...	14	84	252	59	1	15	4	...	8	...	4	12	6	2	...	1,324
...	...	...	14	2	8	3	...	2	23	53	6	...	2	...	...	1	1	...	...	...	...	1	204
...	...	...	10	1	4	3	...	2	2	12	2	...	6	...	...	...	...	...	...	...	1	...	51
1	...	...	24	1	1	14	...	3	1	25	4	...	2	1	...	1	...	...	1	...	...	...	93
2	...	6	55	14	29	11	...	12	68	185	15	...	18	5	...	8	...	4	16	5	1	5	327
...	...	...	...	3	12	4	...	2	14	9	2	1	1	...	...	1	...	2	1	...	...	...	142
...	...	...	...	4	...	2	...	...	...	4	1	...	...	...	...	...	...	...	1	1	...	...	15
...	...	5	24	3	5	1	...	3	5	42	2	...	3	...	...	...	...	...	25	2	...	4	216
7	...	25	227	48	60	56	1	31	102	321	53	1	33	4	...	12	1	26	79	9	5	11	1,699
21	...	80	936	166	364	127	3	64	1,216	1,487	220	5	93	103	...	42	3	25	80	15	13	10	7,961
...	151	2,647	...	54	1,084	1,754	2	16	222	3,624	379	8	17	5	...	13	3	9	42	24	8	2	13,493
49	151	2,809	1,905	447	1,928	2,143	6	294	2,415	7,971	1,068	24	294	143	1,806	126	14	114	379	145	60		34,878

TABLE of DEATHS by Race, Age and Sex in 1909.

RACE.	Ages.																					
	1 to 30 days.		1 to 6 months.		7 to 12 months.		1 to 2 years.		2 to 3 years.		3 to 4 years.		4 to 5 years.		5 to 10 years.		10 to 15 years.		15 to 20 years.		20 to 25 years.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	37	24	39	47	59	47	23	26	4	12	5	...	4	5	16	21	63	23	87	55	94	32
Brahmins	39	31	51	48	67	57	40	24	7	14	2	6	5	3	19	23	30	32	60	47	102	46
Lingaits	3	5	8	3	6	2	2	3	5	5	...	...	1	...	6	5	1	6	11	4	7	4
Bhatias	9	11	7	8	10	10	6	3	...	2	3	3	...	1	...	1	6	9	6	11	8	12
Hindus of Other Castes ...	825	683	565	514	631	610	387	404	142	179	89	91	62	75	256	301	431	331	919	560	1,094	616
Hindus, Low Castes	243	225	190	160	215	214	109	103	38	58	27	30	21	11	82	70	78	62	114	115	181	132
Mussalmans	283	219	306	268	259	222	197	166	60	77	35	45	34	47	140	191	192	214	300	358	410	380
Parsees	39	57	35	25	45	3	38	49	7	11	11	4	3	3	18	10	15	17	14	28	31	24
Jews...	13	7	7	3	7	3	6	10	2	3	2	3	...	1	3	6	1	9	2	7	6	9
Native Christians	73	100	69	67	29	36	19	32	11	9	2	2	5	4	18	18	26	18	73	44	94	50
Eurasians	6	3	4	7	6	9	3	2	3	3	...	1	1	...	1	2	...	4	4	5	2	2
Europeans	9	5	10	13	7	7	6	8	1	2	...	1	...	...	1	...	1	1	3	2	13	3
Negro Africans	3	1	1	...	1	2	...	1	...	...	...	...	1	...	...	...	...	3	3	1	3	2
Buddhists	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3
Other and Unknown Castes...	6	10	1	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All Castes. Males ...	1,588	...	1,293	...	1,343	...	837	...	280	...	176	...	137	...	560	...	844	...	1,596	...	2,046	...
All Castes. Females ...	...	1,382	...	1,165	...	1,259	...	831	...	375	...	186	...	150	...	648	...	729	...	1,237	...	1,315
All Castes. Persons ...	2,970		2,458		2,602		1,668		655		362		287		1,208		1,573		2,833		3,331	

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TABLE of DEATHS by Race, Age and Sex in 1909—*concluded.*

RACE.	AGES—*concld.*																			
	25 to 30 years.		30 to 35 years.		35 to 40 years.		40 to 45 years.		45 to 50 years.		50 to 55 years.		55 to 60 years.		60 and Over.		Unspecified Age.		All Ages.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.
Jains	63	34	41	21	44	13	27	11	35	12	27	10	33	16	39	23	...	...	740	482	1,172
Brahmins	60	37	55	27	37	19	34	18	47	21	32	13	25	20	56	55	...	...	768	541	1,309
Lingaits	7	3	5	...	7	1	3	2	5	3	3	2	4	5	3	5	...	...	87	58	145
Bhatias	9	13	12	8	3	4	3	8	12	3	11	4	15	7	16	25	...	...	136	143	279
Hindus of Other Castes	978	544	784	330	610	318	368	172	447	257	195	106	409	304	560	626	7	...	9,759	7,021	16,780
Hindus, Low Castes	166	106	97	63	115	71	39	29	82	57	12	9	70	74	68	110	...	1	1,947	1,700	3,647
Mussalmans	423	309	286	167	363	204	198	78	248	130	120	46	316	152	504	354	3	...	4,677	3,627	8,304
Parsees	27	32	20	34	36	26	37	25	38	25	21	28	44	32	122	140	...	...	601	609	1,210
Jews	3	6	2	4	5	5	5	2	3	2	5	2	10	2	7	20	...	...	89	104	193
Native Christians...	63	47	52	17	50	27	43	24	53	22	33	14	42	28	50	52	...	...	805	611	1,416
Eurasians	6	3	5	4	5	4	5	3	4	1	4	1	2	1	4	7	...	...	65	62	127
Europeans...	15	3	13	3	15	6	8	3	6	4	9	7	7	1	13	7	...	...	137	76	213
Negro Africans	4	5	2	...	5	3	...	...	...	1	...	...	...	1	4	1	...	...	27	21	48
Buddhists	1	...	1	...	...	1	1	...	...	...	...	...	...	...	3	...	...	...	9	5	14
Other and Unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	8	18	21
All Castes. Males	1,825	...	1,375	...	1,285	...	771	...	980	...	472	...	977	...	1,449	...	11	...	19,855	...	...
All Castes. Females	...	1,142	...	678	...	702	...	375	...	533	...	242	...	643	...	1,425	...	1	...	15,023	34,878
All Castes. Persons	2,967		2,053		1,997		1,146		1,518		714		1,620		2,874		12		34,878		

TABLE showing by Races the Rate of Mortality per 1,000 of Population from different Death Causes in 1909.

Caste or Race.	Small-pox.	Measles.	Plague.	Fevers.	Enteric.	Malaria.	Ague.	Relapsing.	Cholera.	Diarrhœa.	Dysentery.	Phthisis.	Other Respiratory Diseases	Accidents.	All Other Causes.	All Causes.
Hindus...	·44	·07	5·69	2·65	·03	·20	2·31	·10	·88	1·40	·91	2·13	7·71	·58	10·52	33·04
Mussalmans (including Negro Africans)	·50	·09	5·14	3·45	·05	·52	2·76	·11	·30	2·05	1·64	4·70	12·25	1·20	18·15	49·51
Parsees	·08	...	2·25	2·41	·34	·45	1·63	...	·22	1·72	·30	·69	3·27	·71	13·06	24·78
Jews	...	...	2·42	1·30	...	·55	·74	...	·18	1·86	1·67	2·23	7·45	·37	18·44	35·96
Native Christians	2·11	·09	5·63	5·45	·76	·62	3·96	·09	1·25	4·33	1·05	2·15	6·68	1·05	16·97	46·84
Eurasians	·25	...	1·53	4·09	·25	1·53	2·30	...	·25	2·55	·76	1·01	5·11	·51	10·36	32·47
Europeans	·06	...	·34	3·21	1·04	·83	·34	...	...	1·11	·62	·06	1·94	·69	7·72	14·31
Buddhists	...	7·04	3·52	7·04	7·04	...	...	...	3·52	...	3·52	3·52	...	...	21·12	49·29
Other and Unknown...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	·48	·07	5·31	2·86	·09	·29	2·37	·09	·24	1·62	1·01	2·46	8·15	·71	12·20	35·66

TABLE showing the Population and the Number of Births and the Birth-rates by Section and Sex in 1909.

Ward.	SECTION.	POPULATION ACCORDING TO THE CENSUS OF 1906.					BIRTHS.					
		Males.	Females.	Persons.	Number of persons under 1 year.	Number of persons of 1 year and under 5 years.	Number of Children born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of male to every 100 female births.	Number of still-born.
A	Upper Colaba	2,808	921	3,775	1,130	1,817	97	43	54	25·69	79·62	7
	Middle and Lower Colaba	10,064	5,246	15,310	237	1,038	287	130	157	18·75	82·80	34
	Fort South	3,170	774	3,944	75	211	14	4	10	3·54	40·00	2
	Fort North	17,269	11,509	28,778	372	1,963	525	251	274	18·24	91·60	45
	Esplanade	7,747	3,268	11,015	252	765	154	80	74	13·89	108·10	29
B	Mandvi	23,211	14,947	38,158	530	2,443	442	226	216	11·58	104·62	43
	Chukla	18,882	10,480	29,362	422	2,192	569	288	281	19·37	102·49	55
	Umarkhadi	32,261	21,349	53,610	882	4,195	1,026	511	515	19·13	99·22	120
	Dongri	17,427	15,236	32,663	558	2,947	704	380	324	21·55	117·28	78
C	Market	24,534	10,771	35,305	440	2,045	359	175	184	10·16	95·10	38
	Dhobi Talao	22,278	13,816	36,594	665	2,563	704	357	347	19·23	102·88	67
	Panaswadi	18,533	10,707	29,240	498	2,108	445	235	210	15·21	111.90	49
	Bhuleshwar	25,986	13,043	38,129	502	2,473	530	275	255	13·90	107·84	57
	Khara Talao	16,906	10,029	26.935	490	1,924	535	257	278	19·85	92·44	52
	Kumbharwada	20,738	12,046	32,784	485	2,229	590	318	272	17·99	116·91	51
D	Khotwadi	20,968	12,611	33,579	503	2,257	540	287	253	16·08	113·43	63
	Girgaum	17,383	11,061	28,449	436	2,210	419	209	210	14·72	99·52	69
	Chowpati...	7,765	5,268	13,033	202	998	205	117	88	15·72	132·95	15
	Walkeshwar	8,448	4,237	12,685	173	925	171	93	78	13·48	129·16	8
	Mahalaxmi	15,199	9,451	24,650	341	1,688	486	233	253	19·71	92·09	30
B	Maragaon...	18,481	12,391	30,872	317	1,994	754	378	376	24·42	100·53	63
	Tarwadi	16,439	9,839	26,278	400	1,925	753	393	360	28·65	109·16	76
	2nd Nagpada	13,102	8,914	22,016	318	1,942	507	263	244	23·02	148·77	51
	Kamathipura	21,109	15,376	36,484	494	2,630	817	409	408	22·39	100·24	90
	Tardeo	16,352	11,841	28,193	424	2,023	665	342	323	23·58	105·88	58
	Byculla	47,846	28,434	76,280	1,397	7,536	2,575	1,185	1,390	33·75	85·25	186
	1st Nagpada	2,237	1,098	3,335	34	196	99	53	46	29·68	115·21	6
F	Parel	28,774	18,186	46,960	777	3,185	1,021	526	495	21·74	106·26	59
	Sewri	9,655	6,330	15,985	452	1,427	396	202	194	24·77	104·12	31
	Sion	18,225	12,290	30,515	572	2,803	774	402	372	25·36	108·06	65
G	Mahim	18,203	12,975	31,178	706	3,040	804	441	363	25·78	121·48	64
	Worli	41,754	27,734	69,488	1,065	5,122	1,870	956	914	26·91	104·59	145
	Harbour, Docks, Railways and Homeless	29,606	2,634	32,240	205	688	2	1	1	·06	100·00	...
	Total ...	612,955	364,811	977,822	16,354	73,102	19,859	10,030	9,819	20·28	102·04	1,806

* The sex of 46 children was not returned.

TABLE showing the number of Still-born by Race and Month in 1909.

MONTHS.	MALES.																	FEMALES																	PERSONS.																
	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Other and Unknown Castes.	Total.
January	1	5	...	...	32	9	21	1	1	3	...	1	...	...	3	77	1	3	...	...	39	10	13	4	...	3	1	..	...	...	1	80	2	8	...	...	71	19	39	5	1	6	1	1	...	...	4	157
February ...	...	...	...	...	39	16	14	4	...	2	...	1	...	...	2	78	1	2	...	...	29	8	8	3	...	...	...	...	...	...	2	53	1	2	...	...	68	24	22	7	...	2	...	1	...	...	4	131
March..... ..	3	...	...	1	33	17	16	5	...	6	1	...	...	...	2	84	...	...	...	2	28	11	21	2	1	2	...	...	...	3	70	3	...	...	3	61	28	37	7	1	3	1	...	...	...	5	154
April	...	1	1	...	33	9	13	2	1	2	...	...	...	...	4	66	1	2	...	...	27	16	14	6	...	1	...	...	...	...	1	68	1	3	1	...	60	25	27	8	1	3	...	...	...	...	5	134
May..	2	3	1	..	27	8	19	2	1	1	...	...	...	...	1	65	...	...	...	...	24	3	19	2	...	3	...	...	...	...	2	53	2	3	1	...	51	11	38	4	1	4	...	...	...	...	3	118
June	2	2	...	..	27	9	13	1	...	9	...	1	...	...	1	65	..	1	...	1	22	8	7	4	...	1	...	1	...	...	3	48	2	3	...	1	49	17	20	5	...	10	...	2	...	...	4	113
July..	3	2	...	...	49	9	16	5	1	1	...	..	..	..	2	88	1	3	1	...	33	13	11	3	...	2	...	...	...	...	2	69	4	5	1	...	82	22	27	8	1	3	...	...	...	...	4	157
August	5	4	1	...	48	16	25	4	...	2	...	1	..	..	2	108	2	1	..	1	29	9	8	1	...	1	1	...	...	...	2	55	7	5	1	1	77	25	33	5	...	3	1	1	...	...	4	163
September.. ...	5	3	...	1	56	16	28	4	...	5	...	1	...	...	3	122	3	..	1	...	25	11	12	2	2	2	1	...	...	...	1	60	8	3	1	1	81	27	40	6	2	7	1	1	...	...	4	182
October... ...	3	1	1	3	36	21	28	3	3	3	...	...	...	...	2	104	2	4	...	...	36	8	21	4	...	2	...	...	...	1	4	82	5	5	1	3	72	29	49	7	3	5	...	...	...	1	6	186
November ...	...	4	1	1	44	12	16	7	...	3	...	...	...	...	3	91	...	..	...	...	32	8	17	7	1	5	...	...	...	...	2	72	...	4	1	1	76	20	33	14	1	8	...	...	...	...	5	163
December ...	2	1	...	...	35	10	24	7	...	3	...	2	...	...	...	84	...	2	1	...	28	11	12	3	...	5	...	...	...	...	2	64	2	3	1	...	63	21	36	10	...	8	...	2	...	...	2	148
Total	36	26	5	6	459	153	233	45	7	40	1	7	...	...	25	1,093	11	18	3	4	352	116	168	41	4	27	3	1	...	1	25	774	97	44	9	10	811	268	401	86	11	67	4	8	...	1	50	1,806

TABLE showing the number of Still-born by Section and Month in 1909.

MONTHS.	A					B				C						D					E							F			G		Harbour Docks, Railways and Hornelegs.	Total.
	Upper Colaba.	Middle and Lower Colaba.	Fort South.	Fort North.	Esplanade.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Khumbharwada.	Khetwadi.	Girgaum.	Chowpati.	Walkeshwar.	Malabarhill.	Mazagaon.	Tarwadi.	2nd Nagpada.	Khamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.		
January ...	...	2	...	3	2	2	6	10	4	3	6	6	9	5	5	8	5	1	...	4	7	5	4	7	3	21	...	1	1	6	7	14	...	157
February ...	2	6	...	...	1	1	3	8	2	3	3	4	3	...	2	8	6	...	2	6	5	11	4	10	7	14	..	4	2	7	1	6	...	131
March ...	1	5	...	3	4	7	3	12	8	1	8	2	8	3	4	5	1	3	1	2	5	6	4	10	3	13	1	4	1	5	5	16	...	151
April ...	1	3	...	3	1	2	3	7	13	3	3	3	2	3	6	5	3	...	...	3	3	4	4	8	5	49	...	6	1	7	2	11	...	134
May ...	...	1	...	1	1	1	7	14	6	4	1	6	4	4	3	2	5	1	...	1	4	3	3	2	5	10	1	6	2	4	5	11	...	118
June ...	...	3	...	4	1	4	2	4	7	3	3	4	3	7	2	5	4	2	1	1	3	5	2	5	2	7	...	4	3	9	5	8	...	113
July ...	...	1	...	7	2	5	3	14	2	2	3	5	7	2	1	4	8	...	3	2	5	7	1	13	5	19	1	2	7	1	7	13	...	157
August ...	...	5	..	2	3	6	4	9	5	5	6	4	6	7	6	5	1	3	...	2	6	6	6	6	8	18	1	6	2	6	4	15	...	163
September.	1	3	..	3	4	3	3	16	9	5	4	7	3	10	7	4	10	...	...	3	6	3	9	9	4	18	...	3	4	3	7	9	...	182
October ...	1	...	...	4	5	3	7	13	6	3	3	5	4	3	6	5	6	1	...	1	7	9	6	8	5	22	...	3	4	4	3	19	...	186
November..	...	...	2	5	2	1	10	3	3	5	3	2	2	3	5	9	16	2	1	3	7	8	3	6	6	11	2	6	1	7	3	11	...	163
December..	1	...	...	5	3	3	4	10	3	1	9	1	6	5	4	6	4	2	...	2	5	9	5	6	5	14	...	4	3	6	5	12	...	148
Total ...	7	34	2	45	29	43	55	120	73	38	67	49	57	52	51	63	69	15	8	10	63	78	51	90	58	186	6	59	31	65	64	145	...	1,806

TABLE of DEATHS from Principal Causes in different Hospitals and Asylums in 1909.

HOSPITALS.	GENERAL DISEASES.																								LOCAL DISEASES.														Injuries		Unspecified Causes.		Total.		
	Still-born.		Small-pox.		Measles.		Plague.		Fevers.		Cholera.		Diarrhœa and Dysentery.		Puerperal Septicæmia.		Leprosy.		Premature Birth.		Other General Diseases.		Nervous System.		Circulatory System.		Phthisis.		Other Diseases of the Respiratory System.		Digestive System.		Urinary System.		Generative System.		Other Local Diseases.									
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.
Adams Wylie Hospital...	...	...	1	...	...	...	...	...	3	1	...	...	12	4	...	...	...	...	...	...	6	1	1	2	...	...	29	6	20	...	2	...	...	1	...	...	2	1	...	...	...	...	76	16	92
Arthur Road Hospital ...	...	...	83	29	2	...	4	...	55	7	53	31	13	5	...	...	...	...	...	...	16	7	3	...	...	...	15	4	17	1	4	1	...	...	...	...	1	...	...	...	266	85	351
Bai Motlabai Hospital ...	60	42	...	...	...	...	...	1	...	3	...	...	31	52	...	3	...	...	19	21	5	21	8	3	...	3	...	...	5	3	4	9	1	5	...	7	...	1	3	6	...	...	76	133	214
Cama Hospital	45	40	...	...	...	...	...	5	...	7	...	...	4	4	...	10	...	...	7	17	13	21	3	10	...	3	...	14	5	5	1	16	...	1	2	13	...	...	...	...	...	...	37	146	183
Colaba Lunatic Asylum...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	6	4	10
Colaba Station Hospital...	1	1	...	...	...	...	1	...	2	...	...	...	1	...	...	...	...	...	1	...	2	2	1	1	1	...	1	...	...	3	2	2	1	...	...	...	1	...	...	...	14	8	22
Dr. Massina's Hospital...	5	8	...	...	...	...	...	...	1	8	...	...	...	...	1	...	...	...	3	10	10	10	1	1	1	2	...	...	1	3	6	1	3	3	2	5	3	...	...	...	31	44	75
Goculdas Tejpal Hospital.	...	...	...	...	...	...	3	...	19	3	...	...	63	3	...	...	...	...	...	...	83	11	12	...	7	2	17	...	52	2	26	...	8	...	1	...	9	2	52	19	...	...	353	42	394
J. J. Hospital	...	...	...	...	...	...	6	1	67	9	...	...	110	25	...	...	...	...	2	2	145	42	31	12	15	4	9	48	217	25	79	11	43	7	4	...	27	5	83	31	...	...	932	222	1,154
Matunga Leper Asylum...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53	25	...	...	..	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	54	26	80
Maratha Hospital	1	...	...	...	...	...	403	88	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	409	88	497
Modikhana Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parsee Hospital	...	...	...	...	...	...	19	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	11	30
Parsee Lying-in Hospital.	19	12	...	...	...	...	2	1	...	2	...	...	...	1	...	...	...	...	...	...	5	9	10	3	...	...	...	...	2	...	2	...	2	...	...	1	...	1	...	...	...	14	27	41
Police Hospital	...	...	...	...	...	...	1	...	...	...	...	...	3	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	10	...	1	...	...	...	...	...	...	...	...	...	...	18	...	18
St. John's Hospital ...	...	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	3	...	...	1	...	...	...	...	...	...	...	...	...	3	5	8
St. Joseph's Foundling Hospital.	...	...	...	...	...	...	...	...	34	31	...	...	4	6	...	...	...	...	...	...	8	12	1	2	...	...	...	...	1	1	13	14	...	...	...	...	3	...	...	...	61	70	131
St. George's Hospital ...	3	2	1	2	...	...	...	...	19	11	1	...	8	11	...	...	...	...	4	2	21	11	7	3	7	1	...	...	22	9	16	4	4	1	...	...	2	1	2	...	...	...	114	55	169
2nd Bombay Grenadiers' Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21st Bombay Infantry Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
23rd Bombay Infantry Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
116th Maratha Infantry Hospital.	...	...	...	...	...	...	...	1	3	...	...	...	...	1	...	...	...	...	...	...	3	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	9	3	12
H. M's Common Prison.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1
115th Maratha Infantry Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
TOTAL... Males ...	134	...	85	...	2	...	440	...	204	...	54	...	250	...	...	...	53	...	36	...	327	...	73	...	35	...	161	...	357	...	155	...	61	...	9	...	43	...	147	...	...	...	2,492	...	...
TOTAL... Females...	...	116	...	30	...	...	...	108	...	83	...	31	...	112	...	14	...	25	...	57	...	175	...	26	...	15	...	74	...	58	...	60	...	18	...	26	...	15	...	56	...	...	...	992	...
TOTAL... Persons ...		250		115		2		548		287		85		362		14		78		93		502		106		50		235		415		215		79		35		58		203		...		3,484	3,484

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TABLE showing the Number of Plague Deaths by Streets and Races during 1909.

Ward.	Locality. Section.	Locality. Street.	Population by Census of 1909.	Races. Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Totals.
		Upper Colaba.																	
A	Upper Colaba	Colaba Road	3,775	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Pilot Bunder (Parsi Bazaar) ..		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		Middle and Lower Colaba.																	
	Middle and Lower Colaba.	Apollo Reclamation	15,310	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bohra Street		...	...	...	...	6	2	...	...	...	...	...	...	...	...	...	8
		Bohra Cross Lane ...		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Colaba Causeway ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Colaba Road		...	...	...	...	4	2	...	1	...	2	...	...	...	...	...	9
		Grant Buildings ...		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Gun Carriage Street...		3	...	...	...	16	1	...	...	...	...	...	...	...	...	...	20
A		Hamal Lane ...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Hormusji Street ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Koli, 1st Lane ...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Koli, 2nd Lane ...		...	...	...	...	3	2	...	...	...	...	...	...	...	...	...	5
		Koli, 4th Lane ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Maneckji Street ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Naoroji Street ...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Thomas Road		...	...	...	...	13	...	1	...	...	...	...	...	...	...	...	14
		Victoria Bunder ...		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10
		Wodehouse Road ...		...	...	...	...	3	2	1	...	...	...	...	...	...	...	...	6
		No fixed residence		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Fort, South.																	
	Fort South.	Apollo Street	3,944	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Armenian Lane ...		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
A		Custom House Road...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Forbes Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Hummum Street ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Meadows Street ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Tamarind Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Fort, North.																	
	Fort, North.	Bomonji Lane... ...	28,778	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	3
		Bazaar Gate Street ...		1	...	...	1	1	1	1	1	...	...	...	...	...	...	...	6
		Bhoiwar Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bohra Bazaar Street...		...	1	...	1	12	...	...	8	...	...	...	...	...	...	...	22
		Cawasji Patel Street ...		...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	8
		Cahnut Street ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Chana Street		1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Coobin Street ...		...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	2
		Frere Road		...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	11
		Fort Street		...	...	...	1	7	1	...	...	...	...	...	...	...	...	...	1
		Goa Street		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4
		Gola Lane		...	...	...	...	3	...	1	2	...	...	...	...	...	...	...	2
		Gunbow Street ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
A		Homji Street		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Karwar Street ...		...	...	...	...	1	6	1	...	...	1	...	...	...	...	...	9
		King Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Kumpta Street ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Manordass Street ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Maruty Street... ...		...	1	...	...	7	...	...	3	...	...	...	...	...	...	...	10
		Mangeeh Senoi Street ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Mint Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	7
		Mody Street		2	...	...	1	4	...	...	...	...	...	...	...	...	...	...	15
		Mint Cross Lane		...	1	...	...	6	...	3	4	...	1	...	...	...	...	...	2
		Nanabhoy Lane		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1
		Police Court Lane		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Police Court Cross Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Pitha Street		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Parsee Bazaar Street... ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		No fixed residence		...	...	...	...	1	2	2	...	...	...	...	...	...	...	...	5

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Ward.	Section.	Street.	Population by Census of 1906.	Races. Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Esplanade.																	
	Esplanade.	Carnac Road	11,015	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Esplanade Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Frere Road		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Hornby Road		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Improvement Trust Chawl ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
A		Infantry Hospital		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Marine Lines		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Murzban Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		New Dock Compound ...		...	...	...	...	3	...	2	...	...	...	...	...	...	...	...	5
C		Paltan Road		...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	6
C		Wodehouse Bridge Road ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Waudby Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
C		No fixed residence		...	...	...	...	4	1	6	...	...	...	...	...	...	...	...	11
		Mandvi.																	
	Mandvi.	Argyle Road	38,168	...	2	...	...	7	2	...	...	...	...	...	...	...	...	...	11
		Argyle Cross Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Bhandup Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Broach Street		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Bhandari Street		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Bhandari Cross Lane ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Chinch Bunder Road ...		1	4	...	...	10	2	...	...	...	...	...	...	...	...	...	17
		Chinch Bunder Cross Lane ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Clive Road		1	1	...	...	8	2	...	...	...	...	...	...	...	...	...	12
		Clive 4th Cross Lane ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Chakla Street		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Chakla Street Cross Lane ...		...	...	...	...	6	...	1	...	...	...	...	...	...	...	...	7
		Carnac Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		De'Souza Street		...	1	...	...	15	1	...	...	...	...	...	...	...	...	...	17
		De'Souza Cross Lane		...	1	...	...	4	...	...	...	...	...	...	...	...	...	...	5
		Don Tad Cross Lane		...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	4
B		Dongri Street		2	3	...	...	5	4	1	...	...	...	...	...	...	...	...	15
		Daryasthan Street		...	2	...	2	5	...	...	...	...	...	...	...	...	...	...	9
		Frere Road		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Garibdas Street		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Isaji Street		...	2	...	...	2	...	...	...	...	...	...	...	...	...	...	4
		Isaji Street Cross Lane ...		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Israel Mohlla		...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Jambli Street		...	...	...	...	6	3	...	...	...	...	...	...	...	...	...	9
		Jambli 2nd Cross Lane ...		...	...	...	...	5	1	...	...	...	...	...	...	...	...	...	6
		Janjikar Street		...	1	...	...	6	2	...	...	...	...	...	...	...	...	...	9
		Kazi Syed Street		...	4	...	1	3	...	...	...	...	...	...	...	...	...	...	8
		Khadak Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Musjid Siding Street		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Musjid Station Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Mansion Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Old Bengalpura Street ...		...	...	...	...	2	2	6	...	...	...	...	...	...	...	...	10
		Pydhoni Road		...	...	...	...	1	...	4	...	2	...	...	...	...	...	...	7
		Samuel 1st Street		...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	5
		Samuel 2nd Street		...	...	...	2	1	...	...	...	1	1	...	...	...	...	...	5
		Syed Mukri Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Surat Street		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Tantanpura		...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Chakla.																	
	Chakla.	Abdul Rehman Street ...	29,362	...	1	...	...	8	...	1	1	...	...	...	...	...	...	...	11
		Bibijan Street		...	1	...	...	8	3	...	...	...	...	...	...	...	...	...	12
		Bhajipala Street		...	...	...	...	3	...	3	...	...	...	...	...	...	...	...	6
		Bhajipala Cross Lane ...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Chakla Street		1	1	...	1	...	...	5	...	...	...	...	...	...	...	...	8
B		Carnac Road		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Dhobi Street		1	...	...	...	1	2	...	...	...	...	...	...	...	...	...	4
		Huseinkhan Khalifa Street ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Janjikar Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
C		Jackeria Musjid Road ...		...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	6
		Kambekar Street		...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	7
		Kolsa Street		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Musjid Bunder Road		...	1	...	...	5	1	...	...	...	...	...	...	...	...	...	7
		Memonwada		...	5	...	...	20	3	13	...	...	...	...	...	...	...	...	41

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Races.															
Ward.	Section.	Street.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Chakla—*contd.*																	
	Chakla.	Memonwada Cross Lane ...	29,362	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Nakhoda Street		1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
B		Narayan Dhuru Street ...		...	...	...	...	9	...	5	...	...	...	...	...	...	...	...	14
		Nagdevi Street		...	...	...	...	8	1	24	...	...	...	...	...	...	...	...	33
		Nagdevi Cross Lane		...	3	...	...	13	...	1	...	...	...	...	...	...	...	...	17
		Pinjari Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Pydhoni Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Sarang Street...		...	...	...	...	...	...	15	...	...	...	...	...	...	...	...	15
		Umerkhadi.																	
	Umarkhadi.	Old Nagpada Street	53,610	...	2	2	...	10	...	9	...	...	...	...	...	...	...	...	23
		Jail Road South		...	...	...	...	3	...	7	...	...	...	...	...	...	...	...	10
		B.B. Parel Road		2	...	...	...	14	1	15	...	...	3	...	...	...	...	...	35
		Nagdevi Road...		...	...	...	...	...	...	24	...	...	...	...	...	...	...	...	24
		Umerkhadi 1st Road ...		2	1	...	...	20	...	5	...	...	...	...	...	...	...	...	28
		Umerkhadi 2nd Road... ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Memonwada Road		...	...	...	...	2	...	13	...	...	...	...	...	...	...	...	15
		Mahomedkhan Pakhadi Street.		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Jail Road East.		...	...	...	...	4	...	7	...	...	...	...	...	...	...	...	11
		Nishanpada		4	2	...	...	15	...	15	...	4	...	2	...	...	...	...	42
		Jackeria Mussjid Street ...		...	...	...	...	10	...	11	...	...	...	...	...	...	...	...	21
		Imamwada Road		...	...	...	...	6	...	2	...	...	...	...	...	...	...	...	8
		Jail Road North		...	...	...	...	4	2	4	...	...	...	...	...	...	...	...	10
		Jail Road West		3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
B		1st Chinch Bunder Road ...		...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	7
		Samuel Street		...	1	...	...	...	...	1	...	...	...	2	...	...	...	...	4
		Tandel Street...		...	...	...	...	8	2	9	...	...	...	...	...	...	...	...	19
		Tantanpura Street		...	...	...	...	1	...	4	...	...	...	...	...	...	...	...	5
		Babula Tank Road		...	2	...	...	3	...	4	...	...	...	...	...	...	...	...	9
		Pirru Lane		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Bhendi Bazaar		...	...	...	...	4	...	7	...	...	...	...	...	...	...	...	11
		Kambeker Street		...	...	...	...	5	...	18	...	...	...	...	...	...	...	...	23
		Don Tad Street		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		New Bengalpura		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Chuna Bhatty Mochi Lane ...		...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	5
		Attar Lane		...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	5
		Chinch Bunder Cross Lane ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Umerkhadi Street		...	...	...	...	2	1	1	...	...	...	...	...	...	...	...	4
		Dongri Street		...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	7
		Pydhoni Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		New Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Dongri.																	
	Dongri.	1st Nowroji Hill North ...	32,063	...	1	...	...	17	...	5	...	...	...	...	...	...	...	...	23
		1st Nowroji Hill South ...		...	...	...	...	15	2	...	...	3	...	...	...	...	...	...	20
		Chinch Bunder, 1st Pakhadi...		2	1	...	...	14	2	...	...	...	...	...	...	...	...	...	19
		Clive Road		...	...	...	...	4	...	2	...	...	1	...	...	...	...	...	7
		Jail Road East		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		2nd Nowroji Hill, North ...		...	1	...	...	15	...	5	...	2	...	...	...	...	...	...	23
		Valpakhadi Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mazagon		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mahaluxmi Street		...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	4
		Mallet Bunder		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Chinch Bunder Cross Lane ...		...	...	...	...	1	3	1	...	...	...	...	...	...	...	...	5
		Dongri Street		...	1	2	...	2	1	...	...	...	1	...	...	...	...	...	7
B		Chinch Bunder 2nd Road ...		1	...	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		Chinch Bunder, Road ...		...	...	...	...	5	1	4	...	...	...	...	...	...	...	...	10
		Comat Gally		...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	3
		1st Nowroji Hill South Cross Lane		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		Chinch Bunder 1st Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		1st Nowroji Hill South 1st Cross Lane		...	...	...	...	6	1	...	...	...	...	...	...	...	...	...	7
		1st Nowroji Hill South 2nd Cross Lane		...	...	...	...	4	...	2	...	...	...	...	...	...	...	...	6
		1st Nowroji Hill South 3rd Cross Lane		...	1	...	...	3	...	...	...	1	...	...	...	...	...	...	5
		1st Nowroji Hill South 4th Cross Lane...		...	...	...	...	9	2	1	...	...	...	...	...	...	...	...	12

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Races.														
Ward.	Section.	Street.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Market.																	
	Market.	Abdul Rehman Street ...	35,305	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	8
		Agiary 1st Cross Lane ...		1	...	...	...	4	...	...	...	...	...	...	...	...	...	...	5
		Do. 2nd Cross Lane...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Champa Lane...		1	...	...	...	3	...	1	...	...	...	...	...	...	...	...	5
		Champa Cross Lane ...		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Carnac Road		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		Dhunji Street... ...		...	...	...	...	2	...	1	4	...	...	...	...	...	...	...	7
		Ganesh Wadi 1st ...		...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	3
		Kalbadevi Road ...		1	9	...	...	5	7	...	...	...	...	...	...	...	...	...	22
		Kitchen Garden ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
C		Lohar Chawl		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		Mooljee Jetha Market ...		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Mumbadevi Road ...		...	1	...	...	6	1	1	...	...	...	...	...	...	...	...	9
B		Musjid Bunder Road...		...	...	...	...	4	1	...	...	...	...	...	...	...	...	...	5
C		Mirza Street		1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2
		New Hanuman Lane...		2	...	...	1	10	6	...	...	...	...	...	...	...	...	...	19
		Oval Wadi		...	5	...	...	2	...	...	...	...	...	...	...	...	...	...	7
		Old Hanuman Lane ...		...	2	...	1	10	...	...	...	...	...	...	...	...	...	...	13
		Old Hanuman, 1st Cross Lane.		...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2
		Old Hanuman, 2nd Cross Lane.		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Picket Road		...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		Shaik Memon Street...		...	4	...	...	11	4	3	...	...	...	...	...	...	...	...	22
		Sutar Chawl		1	...	...	...	3	1	1	...	...	...	...	...	...	...	...	6
		Shamshet Street ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tak Wadi		...	...	...	...	5	1	...	...	...	...	...	...	...	...	...	6
		Tel Wadi		...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	4
		Vithalwadi		...	...	...	1	4	...	...	...	...	...	...	...	...	...	...	5
		Vithoba Lane... ...		...	2	...	2	1	...	...	...	...	...	...	...	...	...	...	5
		Dhobi Talao.																	
	Dhobi Talao.	Cavel Gaiwadi... ...	86,594	...	...	...	...	16	...	...	...	...	16	...	...	...	...	...	32
		Chandanwadi		...	...	...	...	16	...	2	...	...	3	...	...	...	...	...	21
		Dadisbet Agairy Lane ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Dhobi Talao 1st Lane ...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Girgaum Road		...	...	...	...	4	...	2	...	...	2	...	...	...	...	...	8
		Hamalwadi		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Jambul Wadi		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Kalbadevi Road ...		...	9	...	1	14	...	1	...	...	...	...	...	...	...	...	25
		Kolbhat Street ...		...	1	...	...	14	...	...	...	...	...	...	...	...	...	...	15
		1st Kolbhat Lane ...		...	...	...	...	4	...	...	1	...	...	...	...	...	...	...	5
		Kolbhat Wadi... ...		...	1	...	...	14	...	...	...	...	...	...	...	...	...	...	15
		Lohar Street... ...		...	...	...	...	1	2	...	...	...	2	...	...	...	...	...	5
C		Mahadeo Shanker Shet Lane..		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		1st Marine Lane		1	1	...	...	1	8	3	1	...	2	...	...	...	...	...	17
		1st Marine Cross Lane ...		...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	2
		2nd Marine Lane		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	3
		3rd Do.		...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	3
		4th Do.		...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	6
		Popat wadi		...	...	...	1	4	...	...	...	...	...	...	...	...	...	...	5
		Princess Street		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Sonapur Lane		...	...	...	...	16	...	1	3	...	2	...	...	...	...	...	22
		2nd Sonapur Lane		...	...	...	...	2	...	...	2	...	1	...	...	...	...	...	5
		Trinity Street... ...		...	...	...	...	9	1	...	5	...	1	...	...	...	...	...	16
		Sorab Santoke Lane ...		...	...	...	...	4	...	...	4	...	...	...	...	...	...	...	8
		Vanka Mohlla		...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	4
		Wellington Street ...		...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
		Panaswadi.																	
	Panaswadi.	Anant Wadi	29,240	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Bhaskar Lane...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Burrows Lane		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Bhuleshwar Road		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1
C		Cathedral Street		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Dhanwadi		...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	5
		Duker Wadi		...	...	...	...	3	...	...	...	...	12	...	...	...	...	...	15
		Panaswadi		...	5	...	...	20	...	...	...	...	...	...	...	...	...	...	25
		Panaswadi Cross Lane ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Races.															
Ward.	Section.	Street.	Population by Census of 1901.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Low Hindus, Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Fanaswadi—*contd.*																	
	Fanaswadi.	Girgaum Road	29,240	...	3	...	...	34	4	2	4	...	6	...	...	...	...	...	53
		Hurgovan Dessi's Wadi ...		...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	3
		Kumbhar Tukda		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		New Wadi		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
C.		Sonapur Lane		...	...	...	...	4	10	2	...	...	4	...	...	...	...	...	20
		Karelwadi		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Queen's Road...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tadwadi		...	...	...	...	6	1	...	1	...	1	...	...	...	...	...	8
		Thakurdwar Road		1	2	...	...	12	...	2	...	...	...	...	...	...	...	...	17
		Zaoba's Wadi		1	3	...	...	16	...	...	...	...	...	...	...	...	...	...	20
		Bhuleshwar.																	
	Bhuleshwar.	Ali Umar Street	38,129	...	...	...	...	2	...	24	...	...	...	...	...	...	...	...	26
		Erskine Road		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Assembly Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Banian Street		...	1	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		Bapoo Khote Street ...		...	...	...	...	10	...	5	...	...	...	...	...	...	...	...	15
		Bapoo Khote Cross Lane ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		1st Bhoiwada		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		2nd Bhoiwada		...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	11
		3rd Bhoiwada		...	2	...	...	12	...	...	...	...	...	...	...	...	...	...	14
		Bhoiwada Cross Lane ...		...	2	...	...	2	...	...	...	...	...	...	...	...	...	...	4
		Bohra Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Bhuleshwar Road		...	6	...	...	5	...	...	...	...	...	...	...	...	...	...	11
		C.P. Tank Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Girgaum Back Road... ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Ghoghari Street		...	...	...	...	...	1	14	...	...	...	...	...	...	...	...	15
		1st Ghogari Cross Lane ...		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		Kalbadevi Road		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
C.		Kazi Street		...	...	...	...	2	1	10	...	...	...	...	...	...	...	...	13
		Khanderao Wadi		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Kika Street		2	3	...	...	30	...	...	...	...	...	...	...	...	...	...	35
		Malharrao Wadi		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Maruti Lane		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Musjid Street		...	...	...	...	3	4	7	...	...	...	...	...	...	...	...	14
		Musjid Cross Lane		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Nizam Street		...	...	...	...	3	2	4	3	...	...	...	...	...	...	...	12
		Panchayet Wadi		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Pinjrapole Street		...	2	...	...	8	...	1	...	...	...	...	...	...	...	...	11
		2nd Pinjrapole Street ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		3rd Pinjrapole Street ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		B. B. Parel Road		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		1st Pophalwadi		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		2nd do.		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		3rd do.		...	3	...	1	5	...	...	...	...	...	...	...	...	...	...	8
		Khara Talao.																	
	Khara Talao.	Agiari Street	26,025	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Bapty Road		...	...	...	...	...	4	2	...	...	...	...	...	...	...	...	6
		Bhendi Bazaar Road		...	1	...	...	...	...	5	1	...	...	...	...	...	...	...	8
		Balu Street		...	...	...	...	...	4	1	...	...	...	...	...	...	...	...	5
		Chimna Butcher Street ...		...	2	...	...	...	12	10	...	...	...	...	...	...	...	...	22
		1st Cooper Street		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		2nd Do.		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Dharamsey Street		...	...	...	...	3	1	3	...	...	...	...	...	...	...	...	7
		Dhabu Street		...	...	...	...	1	...	13	...	...	...	...	...	...	...	...	14
C.		Doctor Street		...	...	...	...	...	4	3	...	...	...	...	...	...	...	...	7
		Duncan Road		...	...	...	...	10	2	4	...	...	...	...	...	...	...	...	16
		Erskine Road		...	...	...	...	1	5	3	...	...	...	...	...	...	1	...	10
		Grant Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Gazar Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Khoja Street		...	2	...	...	16	26	10	...	...	...	...	...	...	...	...	54
		Do. Cross Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Khara Talao Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Mutton Street...		...	...	...	...	1	...	10	...	...	...	...	...	...	...	...	11
		Pakmodia Street		...	...	...	...	3	2	8	...	...	...	...	...	...	...	...	13
		Yaoub Street		...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	5

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.			Population by Census of 1901.	Races.															
Ward.	Section.	Street.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Castes.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Kumbharwada.																	
	Kumbharwada.	Bapty Road	32,784	...	...	...	...	...	3	1	...	...	...	...	...	...	...	...	4
		Bhandari Street		...	...	...	...	16	1	...	...	...	...	...	...	...	...	...	17
		Do. Cross Lane... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Cowasji Patel Tank Street ...		...	...	...	...	4	1	...	...	...	...	...	...	...	...	...	5
		1st Carpenter Street		...	2	...	...	9	1	...	...	...	...	...	...	...	...	...	12
		2nd Do. do.		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Duncan Road		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		2nd Duncan Cross Lane ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Durgadevi Street		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Falkland Road		...	...	...	...	5	1	...	...	...	...	...	...	...	...	...	6
		Grant Road		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	4
		Islampura Street		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Do. Cross Lane ...		...	...	...	...	1	4	...	...	...	...	...	...	...	...	...	5
		Kumbharwada Street ...		...	1	...	...	33	10	2	...	...	...	...	...	...	...	...	46
		Khetwadi Main Road... ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Northbrook Street		...	...	...	...	20	3	2	...	...	...	...	...	...	...	...	25
		Do. Garden Health Camp		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		1st Pathan Street		...	...	...	...	6	1	...	...	...	...	...	...	...	...	...	7
		2nd Do. do.		...	...	...	...	6	1	...	...	...	...	...	...	...	...	...	7
		Sindhi Lane		...	...	...	...	1	...	3	...	...	...	...	...	...	...	...	4
		Sandhurst Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Trimbak Parashram Street...		...	...	...	...	1	2	2	...	...	...	...	...	...	...	...	5
		Khetwadi.																	
D	Khetwadi.	Charni Road	33,579	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		Chunam Kiln Road		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Dhanjee Street		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Falkland Road		...	...	...	2	2	...	5	...	...	...	...	...	...	...	...	9
		Do. 2nd Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Do. 3rd do.		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Do. 5th do.		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Do. 6th do.		...	...	...	...	6	...	2	...	...	...	...	...	...	...	...	8
		Do. 7th do.		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Do. 8th do.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 9th do.		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Girgaum Back Road		...	1	...	1	4	...	...	...	...	...	...	...	...	...	...	6
		Grant Road		...	1	...	...	11	...	3	...	...	...	...	...	...	...	...	15
		Khetwadi Main Road... ...		...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	4
		Do. 1st Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 2nd do.		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Do. 3rd do.		...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
		Do. 6th do.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 7th do.		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	4
		Do. 9th do.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 10th do.		...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	3
		Do. 12th do.		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		First Parsewada		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Second do.		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Trimbak Parashram Street		...	...	...	...	18	...	1	...	...	...	...	...	...	...	...	19
		Girgaum.																	
C	Girgaum.	Borbhat Lane	28,449	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Charni Road		...	3	...	...	...	1	...	...	...	...	...	...	...	...	...	4
		Cow Lane		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Cow Cross Lane		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Girgaum Road		...	...	...	1	8	...	...	...	...	...	...	...	...	...	...	10
		Do. Back Road		...	2	1	1	7	...	...	...	...	...	...	...	...	...	...	11
		Kakadwadi Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kandewadi Lane		...	4	1	...	6	1	...	...	...	1	...	...	...	...	...	13
		Kelewadi Lane		...	...	1	...	4	...	...	...	...	...	...	...	...	...	...	5
		Khattaralli Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Khotachiwadi		...	...	...	...	4	...	...	...	...	1	...	...	...	...	...	5
		Mugbhat Street		...	1	...	1	15	...	...	...	...	...	...	...	...	...	...	17

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Population by Census of 1901.	Races.															
Ward.	Section.	Street.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus Low Castes.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Girgaum—*contd.*																		
D	Girgaum.	Mugbhat Street Cross Lane	...	23,449	...	...	1	...	17	...	...	...	...	...	...	...	...	...	...	18
		Nickdawri Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Queen's Road	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Sadashiv Street ...	...		...	...	...	1	3	...	...	..	...	...	...	...	...	...	...	4
		Thakurdwar Road ...	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Ambe Wadi	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mangalwadi	...		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
		Ovalwadi	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Pimpalwadi	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Akalkote Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chowpati.																		
D	Chowpati.	Benambhall Lane	...	13,033	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bhatwadi 1st Lane ...	...		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Do. 2nd Lane ...	...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Do. Barki Sheri... ...	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Chowpati Road	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Charni Road	...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Dammer Lane...	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		French Road	...		...	...	2	...	13	...	...	...	...	...	...	...	...	...	...	15
		Girgaum Road	...		...	...	1	...	2	...	...	1	...	...	...	...	...	...	...	4
		Do. Back Road	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Queen's Road...	...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Sandhurst Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Walkeshwar.																		
D	Walkeshwar.	Banganga Cross Lane ...	...	12,885	...	...	..	1	1	...	...	...	...	...	...	...	...	..	...	1
		Banganga Temple Compound.	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Gibbs Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Harkness Road	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Ridge Road	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Shiri Road	1		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Walkeshwar Road	...		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Mahalakshmi.																		
E	Mahalaxmi.	Arthur Road	...	24,050	...	...	...	...	6	15	...	...	...	2	...	...	...	...	...	23
		Pedder Road	...		...	...	...	...	5	...	1	...	...	...	...	...	...	...	...	6
		Chikhalwadi	...		1	...	...	...	3	...	...	1	...	...	...	...	...	...	...	5
		Altamont Road	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Tardeo Road	...		1	...	...	...	17	...	1	...	...	1	...	...	...	...	...	20
		Gowalia Tank Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bellasis Road	...		...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	7
		Forjet Street	...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Sleater Road	...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Mahalakshmi Temple Comp.	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mazagaon.																		
E	Mazagaon.	Albert Road	...	31,872	...	...	...	...	9	...	5	...	...	...	...	...	...	...	...	14
		Belvedere Hill Road	...		...	...	...	...	...	...	...	...	...	3	1	...	...	...	...	4
		Bhandarwada	...		...	...	...	...	...	1	...	...	...	3	...	...	...	...	...	4
		Chimaji Ranuji Street ...	1		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Copper Smith Street	...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		1st Carpenter Street	1		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		2nd Carpenter Street ...	...		...	...	...	...	2	1	...	1	...	...	...	...	...	...	...	4
		3rd Carpenter Street ...	2		...	...	...	...	...	1	...	...	...	5	...	...	...	...	...	8
		DeLima Street	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dockyard Road	...		...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	4
		Dolker Street	1		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	5

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

LOCALITY.				RACES.															
Ward.	Section.	STREET.	Population by Census of 1901.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Mazagaon—*contd.*																	
		Gunpowder Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Ganbaody Road		3	...	...	...	33	2	1	...	...	...	...	...	...	—	...	39
		Ghorupdeo Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Ghorupdeo Ambawadi ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Ghorupdeo Koliwada ...		...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	3
		Hospital Lane...		1	...	...	...	11	1	...	...	...	...	...	...	...	...	...	13
		Mazagaon Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Mount Road		...	...	...	...	18	6	1	...	...	...	...	...	...	...	...	25
E	Mazagaon.	Mount Pakhadi	30,872	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Matharpakhadi Road ...		...	...	...	...	12	...	...	2	...	1	...	...	...	...	...	15
		Mazagaon Road		...	...	...	...	7	6	...	...	...	1	...	...	...	...	...	14
		Muzaverpakhadi		...	...	...	...	3	...	...	...	...	2	...	...	...	...	...	5
		Mazagaon Koliwada		...	...	...	...	2	2	...	...	...	1	...	...	...	...	...	5
		Naboh Tank Road		...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		Narielwadi Village		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Reay Road		...	1	...	...	15	2	...	...	...	2	...	...	...	...	...	20
		Tank Bunder Road		1	...	...	...	7	2	...	...	...	3	...	...	...	...	...	13
		Wari Bunder Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Victoria Road...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Tarwadi.																	
		Babula Tank Road		1	...	...	...	5	2	...	1	...	...	...	...	...	...	...	9
		Byramji Hall Lane		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Connaught Road		1	...	...	...	9	...	3	...	...	2	...	...	...	1	...	16
		Ghorupdeo Road		...	...	...	...	13	2	2	...	...	...	...	...	...	...	...	17
		Haneraj Lane		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Victoria Road...		...	...	...	...	4	4	2	...	...	...	...	...	...	...	...	10
E	Tarwadi.	Do. Cross 2nd ...	26,278	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Love Lane		...	...	...	...	7	...	...	...	...	1	...	...	...	...	...	8
		Mazagaon Road		...	1	...	...	9	2	...	...	...	...	...	...	...	...	...	12
		Parel Road		...	...	...	...	18	2	5	...	...	...	...	...	...	...	...	25
		Sussex Road		1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Nesbeit Road...		...	...	...	...	3	2	1	...	...	...	...	...	...	1	...	7
		Chichpoogli Road		...	...	...	...	9	1	1	...	...	1	...	...	...	...	...	12
		2nd Nagpada.																	
		Huzria Street		...	...	1	...	2	1	5	...	...	...	...	...	...	...	...	9
		Temkar Street		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Khandia Street		...	...	...	...	...	3	5	...	...	...	...	...	...	...	...	8
		Kazipoora		...	...	...	...	...	12	6	...	...	...	...	...	...	...	...	18
E	2nd Nagpada.	Tank Street	22,016	...	...	...	...	...	4	8	...	...	...	...	...	...	...	...	12
		Undria Street		...	...	...	...	...	1	7	...	...	...	...	...	...	...	...	8
		Mustan Tank Road		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Grant Road		...	...	...	...	...	4	2	...	...	...	...	...	...	...	...	6
		Bellasis Road		...	...	...	...	4	1	2	...	...	...	...	...	...	...	...	7
		Duncan Road		...	...	...	...	1	1	2	—	...	2	...	...	...	...	...	6
		Sk. Budan K. Street		...	...	...	...	2	...	8	...	...	...	...	...	...	...	...	10
		Parel Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kamathipura.																	
		1st Lane		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		2nd do.		...	...	...	...	15	...	1	...	...	...	...	...	...	...	...	16
		3rd do.		...	...	...	...	6	...	2	...	...	...	...	...	...	...	...	8
E	Kamathipura.	4th do.	36,424	...	...	...	...	7	...	1	...	...	...	...	...	...	...	...	8
		5th do.		...	...	3	...	8	1	...	...	...	...	...	...	...	...	...	12
		6th do.		...	...	...	...	7	3	...	...	...	...	...	...	...	...	...	10
		7th do.		...	...	3	...	4	...	...	...	...	...	...	...	...	...	...	7
		8th do.		...	...	4	...	5	5	3	...	...	...	...	...	...	...	...	17

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Races.															
Ward.	Section.	Street.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus Low Castes.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Kamathipura—*contd.*																	
E	Kamathipura.	9th Lane	36,494	...	...	1	...	5	...	...	...	...	...	...	...	...	...	...	6
		10th do.		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		11th do.		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		12th do.		...	...	...	...	4	2	...	...	...	...	...	...	...	...	...	6
		13th do.		...	...	1	...	5	1	1	...	...	...	...	...	...	...	...	8
		14th do.		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		15th do.		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		16th do. Varsova Street ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Bazaar Road		...	...	...	...	7	1	2	...	...	...	...	...	...	...	...	10
		Bapty Road		1	2	...	...	8	4	3	...	...	...	...	...	...	...	...	18
		North Brook Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Grant Road		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Duncan Road...		...	...	...	...	4	5	3	...	...	...	...	...	...	...	...	12
		Suklaji Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Centre Road		1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Stable Street		...	...	...	...	1	4	5	...	...	...	...	...	...	...	...	10
		Bellasis Road		...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	3
		Tardeo.																	
E	Tardeo.	Jairajbhai Street	28,193	...	...	...	...	2	7	4	...	...	...	1	...	...	...	...	14
		Arab Lane		...	1	...	...	11	...	2	...	...	1	...	...	...	...	...	15
		Gilder Street		...	...	1	...	29	2	...	...	...	...	...	...	...	...	...	32
		Bapty Road		...	...	...	...	4	4	1	...	...	...	...	...	...	...	...	9
		Foras Road		...	...	...	...	11	8	6	...	...	...	...	...	...	...	...	25
		Falkland Road		...	1	...	...	16	2	2	...	...	...	...	...	...	...	...	21
		Grant Road		...	1	...	...	1	1	1	2	...	...	...	...	...	...	...	6
		Suklaji Street		...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	3
		Bellasis Road		...	...	...	...	4	...	2	...	...	...	...	...	...	...	...	6
		Byculla.																	
E	Byculla.	Agripada	76,280	1	...	...	1	27	8	8	...	...	...	...	...	...	...	...	45
		Bellasis Road		...	...	...	...	3	...	2	...	...	3	1	1	...	...	...	10
		Ghelabhai Street		...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	6
		Gilder Street		...	...	...	...	5	2	1	...	...	...	...	...	...	...	...	8
		Kalapani		...	...	...	...	1	1	5	...	...	...	...	...	...	...	...	7
		Mahomedan Street		...	...	...	...	2	4	10	...	...	...	...	...	...	...	...	16
		Morland Road		...	1	...	...	3	12	2	...	...	...	...	...	...	...	...	18
		Ripon Road		1	2	...	1	20	9	27	...	...	5	...	...	...	...	...	65
		Arthur Road		...	...	...	...	25	18	2	...	...	1	...	...	...	...	...	46
		Chambar Lane		...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	7
		Clare Road		...	...	...	...	1	1	1	...	...	1	...	...	...	...	...	4
		Clerk Road		...	...	...	...	28	5	2	...	1	...	1	2	...	...	...	39
		DeLisle Road		2	...	...	...	53	22	5	...	...	1	1	1	...	...	...	85
		Do. do. Cross Lane ...		...	...	...	...	5	2	...	...	...	...	...	...	...	...	...	7
		Gazri Bazaar		...	...	...	...	4	4	...	...	...	2	...	...	...	...	...	10
		Haines Road		3	...	...	...	27	28	10	...	...	...	...	1	...	...	...	69
		Do. Road Cross Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. Road Sunder Lane ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Do. Road Tank Pakhadi...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Kalachowki Road		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Do. Cross Lane ...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Parel Road		3	...	...	...	33	2	2	...	...	...	...	1	...	...	...	40
		Sankli Street		...	...	...	...	2	2	...	...	1	1	...	1	...	...	...	7
		1st Nagpada.																	
E	1st Nagpada.	Bellasis Road	3,335	...	2	...	...	3	...	2	...	...	...	...	...	...	...	...	7
		Parel Road		...	...	...	...	4	1	1	...	...	...	...	...	...	...	...	6
		4th Peerkhan Street... ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		3rd Peerkhan Street... ...		...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	2
		New Nagpada Road		...	...	...	...	4	1	1	...	...	...	...	...	...	...	...	6

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Races.														
Ward.	Section.	Street.	Population by Census of 1901.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus Low Castes.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Parel.																	
		Parel Tank Road		...	...	...	...	6	2	...	...	...	...	...	...	...	...	...	8
		Suparibaug Road		2	1	...	...	18	2	4	...	...	...	...	...	...	...	...	27
		Parel Back Road		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Elphinstone Road		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Parel Village		...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	12
F	Parel.	Curry Road	46,960	...	1	...	...	24	2	1	1	...	...	...	...	...	...	...	29
		Arthur Road		2	1	...	...	38	2	...	...	...	...	...	...	...	...	...	43
		Kalachowki Road		3	...	...	...	22	1	1	...	...	...	...	...	...	...	...	29
		Parel Road		...	1	...	...	6	...	...	...	...	...	...	...	...	...	...	7
		Lalwadi		2	...	...	...	12	1	1	...	...	...	...	...	...	...	...	16
		Government Gate Road ...		...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	13
		Gas Company Lane		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
		Tulshirampada		...	1	...	...	8	...	...	...	...	...	...	...	...	...	...	9
		Sewri.																	
		Sewri Jakaria Bunder ...		2	...	...	...	13	...	7	...	...	...	...	...	...	...	...	22
		Sewri New Road		3	...	...	...	23	...	...	...	...	...	...	...	...	...	...	26
		Sewri Koliwada		...	...	...	...	14	1	1	...	...	1	...	...	...	...	...	17
F	Sewri.	Sewri Road	15,685	...	...	...	...	17	...	...	...	1	...	...	...	...	...	...	18
		Parel Tank Road		...	1	...	...	15	...	...	...	...	...	...	...	...	...	...	16
		Golungi Hill Road		...	...	...	...	21	...	...	...	...	...	...	...	...	...	...	21
		Bhoiwadi Road		...	...	...	...	10	3	...	...	...	3	...	...	...	...	...	16
		Sewri Cross Road		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		Sewri Agriwada		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Sion.																	
		Sewri Cross Road		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	4
		Matunga Agriwada		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Dadar Road		2	...	...	...	6	3	4	...	...	...	...	...	...	...	...	15
		Vincent Road...		2	...	...	...	23	9	2	...	...	...	...	...	...	...	...	36
		Dharavi Road... ...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Ravli Road Shaik Mistry ...		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Naigaum Road		...	2	...	...	4	...	1	...	...	...	...	...	...	...	...	7
		Naigaum Cross Road... ...		...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	3
		Matunga Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Do. Bhandarwada ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
F	Sion.	Wadala Village	30,515	...	...	...	...	4	...	2	...	...	2	...	...	...	...	...	8
		Wadalla Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Sion Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Do. Koliwada		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Elphinstone Road		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Dhakti Sewri		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Khada Mantunga		...	...	...	...	2	...	...	...	...	9	...	...	...	...	...	11
		Matunga Maharwada ...		1	1	...	1	2	...	...	...	...	...	...	...	...	...	...	5
		Bhoiwadi Road		...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	14
		Bhoiwadi Cross Road ...		...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	4
		Govari Village		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mahim.																	
		Dharavi Road		...	...	...	...	27	42	6	...	...	1	...	...	...	...	...	76
		Gopi Tank		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Lady Jamshetjee Road ...		2	...	...	...	48	...	1	...	...	6	...	...	...	...	...	57
		Tadeshwar Gully		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Wanzewadi		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Sarab Mill Gully		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Mangelwadi		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mori Road		...	...	...	...	4	...	...	...	...	5	...	...	...	...	...	9
G	Mahim.	Digi Tank	31,178	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Pach Kumbhar Gully ...		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Lohar Chawl		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		Bazaar Road		1	...	...	...	23	...	...	...	...	...	...	...	...	...	...	24
		Durga Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Hasali Talao		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Matunga Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Causeway		...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
		Agar Bazaar		...	...	...	...	5	...	...	...	...	1	...	...	...	...	...	6
		Portuguese Church Road ...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Old Parbhadevi Road ...		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1909—*continued.*

Locality.				Races.															
Ward.	Section.	Street.	Population by Census of 1901.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Worli.																	
		Fergusson Road	69,488	3	...	...	...	32	9	2	1	...	...	...	...	...	...	...	47
		Baines Road		1	...	...	...	7	...	1	...	...	...	...	...	...	...	...	9
		Dadur Road		...	2	...	...	9	...	3	...	...	...	...	...	...	...	...	14
		Portuguese Church Road ...		...	1	...	...	7	...	...	...	...	1	...	...	...	...	...	9
		Dadur Kumbharwada ...		...	2	...	...	45	3	4	...	...	5	...	...	...	...	...	59
		Clerk Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		De Lisle Road...		3	2	2	...	91	24	8	1	...	2	1	...	...	...	...	134
		Dhan Mill Kumbharwada ...		...	...	...	...	9	1	1	...	...	...	...	...	...	...	...	11
		Dadur Railway Junction ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Middle Pakadi		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
	Worli.	Elphinstone Road		2	...	...	...	11	17	2	1	...	...	...	...	...	...	...	33
		Currey Road		3	1	...	...	19	...	...	...	...	...	...	...	...	...	...	23
		Old Purbhadevi Road ...		1	...	...	...	12	...	...	...	...	1	...	...	...	...	...	14
		Dhobiwada		...	...	...	...	4	1	...	...	...	...	...	...	...	...	...	5
		Nava Pada		2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Arthur Road		...	1	1	...	6	...	...	...	...	...	...	...	...	...	...	8
		Breach Candy Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		First Pakadi		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Khed Tank Gully		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		New Purbhadevi Road ...		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
		Carrol Road		...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	6
		Koliwada		...	...	...	...	15	...	...	...	...	1	...	...	...	...	...	16
		Harbour and Docks, Railways and Homeless.																	
		Harbour	32,240	...	...	...	...	...	...	4	...	...	1	...	...	...	...	...	5

ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1910-11.

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BOMBAY :
PRINTED AT THE TIMES PRESS.

1911.

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1910-11.

Corporation and Standing Committee.

Dr. Kavasji Edalji Dadachanji was President of the Corporation and the Hon'ble Mr. Fazulbhoy Currimbhoy Ebrahim Chairman of the Standing Committee for the year.

2. 53 Meetings were held by the Corporation and 52 by the Standing Committee. There were besides 108 Meetings of Committees of the Corporation and 53 Meetings of Sub-Committees of the Standing Committee.

Commissioner.

3. Mr. W. D. Sheppard, C. I. E., I. C. S., held the office of Municipal Commissioner for the City of Bombay up to the 6th May 1910, when he proceeded on privilege leave combined with furlough. Mr. P. R. Cadell, I.C.S., who was appointed to the post, held office till the close of the year.

FINANCIAL.

GENERAL.

4. The general financial position of the Corporation continues to be satisfactory. The net result of the transactions for the year was a surplus of Rs. 9,14,277, and the year closed with a Working Cash Balance of Rs. 31,49,323 against Rs. 21,96,540 with which it opened. Included in this balance is a sum of Rs. 6,61,178 reserved for renewal of lapsed grants for the previous years so that the actual Surplus Cash Balance at the close of the year amounted to Rs. 24,88,146 against Rs. 16,28,586 of the previous year. Excluding from this balance the sum of Rs. 8,65,000 reserved for payment to the City Improvement Trust and Rs. 1,00,000 required to be reserved under the Municipal Act, the real Cash Balance unhypothecated to any purpose amounted at the close of the year to Rs. 15,23,146 against Rs. 6,93,586. This shows a very considerable increase over what was expected to be realized during the pendency of the year, having exceeded the original estimate by Rs. 12,47,395 and the revised estimate by Rs. 4,84,531, due to a further substantial rise in the annually growing revenues of the Municipality as well as savings in the anticipated expenditure for the year. The assets exceeded the liabilities by Rs. 2,46,20,193, aggregating Rs 8,36,86,871 against the gross liability of Rs. 5,90,66,678. With this substantial balance in favour of the assets, which marks an increase of Rs. 20,10,954 on the preceding year, and an appreciable reserve in the taxing capacity of the Municipality the financial stability of the Municipality is unquestionably assured.

Income.

5. In view of the shrinkage of cash balances in the preceding years and the steady rise in expenditure, the General Tax had to be enhanced from 9¼ per cent. to 10⅛ per cent. and the Fire Tax from ⅝ per cent. to ½ per cent. on rateable value, giving a total of 10⅝ per cent. against the rate of 9¼ per

cent. in the previous year. The Water Tax, on the other hand, was reduced from 3½ per cent. on valuation to 3⅜ per cent. and the rates for water supplied to the Railways and the Port Trust were further reduced from annas 9 to annas 6½ per 1,000 gallons, so as to restore an equilibrium between the actual receipts from and expenditure on the Water Works as required by the Municipal Act. The Town Duty on grain had also to be increased from annas 4 to the maximum of annas 6 per candy and the duty on firewood was imposed at the rate of annas 2 per candy. The original Budget Estimate of Income was Rs. 1,17,45,000. This was, however, exceeded by Rs. 4,51,149, giving a total income of Rs. 1,21,96,149 against Rs. 1,12,13,864 in the previous year. The principal items accounting for these variations between the estimates and the actuals are the following :—

(1) Increase of Rs. 1,23,583 in the receipts under "Taxation Proper," mainly due to increased receipts from Town Duties owing to large imports of sugar at the close of the financial year; (2) increase of Rs. 55,327 in the receipts from the Water Tax due to defective information available at the Budget time; (3) increase of Rs. 2,61,288 under "Returns from Property and Miscellaneous" mainly accounted for by the unforeseen realization of Rs. 58,285 in respect of sale of Municipal land at Agripada and Connaught Road in connection with a Police Accommodation Scheme, of Rs. 80,961 under "Interest and Investments of Surplus Loan and other Balances" owing to large increases in Income with reduced revenue expenditure and slow progress of loan works for which funds had been provided and of Rs. 52,615 paid to the Municipality from the credit balance outstanding in the Improvement Trust General Account.

6. Gratifying as the position has been in regard to the stable sources of revenue, *viz.*, General, Water and Halalkhore Taxes, which have constantly maintained their vitality, the cycle of extraordinarily increasing revenue from these sources may now be taken to have come to a close. From the statement furnished by the Chief Accountant, comparing the receipts from these sources during the year 1909-10 and 1910-11 according to the Assets and Liabilities system of accounts, it appears that had the rates of taxation been the same as in the year 1909-10 the income from Property Taxes would have amounted to Rs. 74,50,632 in the year of report against Rs. 71,93,434 realized in the year previous, giving an expansion in revenue of Rs. 2,57,198 only, and indicating a gradual reversion to normal conditions. The position, however, is in no way discouraging. There is every reason to believe that the permanent sources of revenue will continue to maintain the elasticity they have heretofore shown and with the impetus that will be given by the New Docks and the projected Schemes for the improvement and development of the City, a steady and satisfactory expansion in the income from Property Taxes may be confidently anticipated.

Incidence of Taxation.

7. The population of Bombay according to the Census returns of 1911 was 9,72,930. Calculated on this basis the incidence of taxation rose from Rs. 9-14-2 in the previous year to Rs. 10-12-1 in the year of report. The following table for the last quinquennium indicates a steady rise in the incidence :—

Year.	Rate of the General Tax.	Incidence of Taxation according to the Census of 1906.	Incidence of Taxation according to the Census of 1911.
		Rs. a. p.	Rs. a. p.
1906-07	9%	8 7 10	8 8 7
1907-08	8⅝%	8 10 5	8 11 1
1908-09	8⅜%	8 14 11	8 15 6
1909-10	9⅛%	9 13 5	9 14 2
1910-11	10⅛%	10 11 3	10 12 1

Expenditure.

8. Against the record figure of Rs. 1,13,97,050 for the past year, the total expenditure for the year amounted to Rs. 1,12,81,871, showing a net decrease of Rs. 1,15,179. Small as it is, this set-back, following on the unprecedented and uninterrupted additions to the recurring outlay for a series of years, is very gratifying. There were pronounced increases of Rs. 2,30,384 under Debt, of Rs. 1,21,981 under Primary Education, and of Rs. 55,000 and 53,300, respectively, under Contribution to the City Improvement Trust and Rebate payable to the Trust under Section 73 of the Trust Act, but these were counterbalanced by substantial reductions in the expenditure on the Health Department amounting to Rs. 2,75,370 and in the expenditure in respect of grain compensation and local allowances aggregating Rs. 2,14,118. Making allowances for casual and non-recurring increases or decreases, the Chief Accountant computes the permanent increase in expenditure at Rs. 4,09,000 as under :—

	Rs.
Education	1,24,000
Contribution to the C. I. Trust	55,000
Debt	2,30,000
Total Rs.	4,09,000

9. As against this increase in expenditure, the permanent expansion in income is placed at Rs. 3 lakhs, indicating once again this its rate of expansion falls much below the rate of enhancement in expenditure noticeable during the past few years, and emphasizing the necessity for scrutinising with special jealousy proposals for further increases. With the rapid organic growth in the ordinary expenditure will have to be shortly financed several costly schemes for the necessary improvements in the drainage and water supply of the City and improved communications in the North of the Island which have been now under consideration. These will necessitate the raising of loans exceeding a crore of rupees, and heavy Interest and Sinking Fund Charges in respect of those loans will have to be included in the normal expenditure in future. The Committee notice that the Commissioner has been fully alive to the situation and they are glad to find the policy of caution, advocated by them in their successive reviews for the past few years, reiterated in paragraph 26 of the Commissioner's report. They trust he will now undertake a comprehensive scrutiny of the Schedules of Establishments and the system of working followed by the spending departments with a view to see what retrenchments could be effected by a re-adjustment of the Departments, revision of methods and provision of safeguards in the light of the results of the Chief Accountant's test audit.

10. *Lapsed Grants*—Out of the total sanctioned grants for expenditure aggregating Rs. 1,21,74,691 a balance of Rs. 8,92,820 remained unexpended at the close of the year. Of this Rs. 6,61,178 required renewal for expenditure in 1911-12, leaving a saving of Rs. 2,31,642. The amount which required renewal during the previous year showed a decrease of Rs. 1,44,385, as compared with the amount for the year preceding it, being Rs. 5,67,953 against Rs. 7,12,338, and giving a saving of Rs. 1·42 per cent. It was hoped that with the co-operation of the spending departments it would be possible to bring about a closer approximation of actuals to the estimates. The results of the year's transactions are, however, disappointing, the percentage of unappropriated savings having risen from 1·42, 1·55 and 1·52 in the years previous to 1·90 in the year of report. The Committee, however, note, with satisfaction the Commissioner's assurance that this oft recurring complaint " will receive the consideration which is called for in the interests of a sound financial policy. "

11. *Loan Works Expenditure.*—The total outlay on Loan Works aggregated Rs. 25,08,991 against Rs. 21,85,806 in the preceding year, the increase being principally under Buildings and Sanitary Structures, Roads

and Overbridges and Drainage. The original estimates for the year aggregated Rs. 48,96,753. The actual expenditure was nearly 50 per cent. below the estimate. No doubt, allowance has to be made for the difficulties besetting the Executive Officers in drawing up and carrying to completion projects of great magnitude, but the Committee see no reason why more accurate and reliable estimates could not be framed with due regard to the requirements of the Departments as well as their capacity to push forward the projected works.

12. *Plague Expenditure.*—The charges booked on account of plague operations amounted to Rs. 1,87,234, showing a decrease of Rs. 13,681 on the expenditure of the preceding year. The Chief Accountant, however, observes that the actual liabilities incurred during the year amounted to more than the charges booked. The total outlay on plague measures from the outbreak of plague up to the close of the year under review amounted to Rs. 74,18,547.

13. *Capital Debt.*—The second instalment of Rs. 15 lakhs of the 30 lakhs loan for the acquisition of sites for the construction of overbridges in the City having been raised during the year of report and Rs. 1,20,058 having been repaid towards the reduction of debt, the total Capital Debt of the Corporation stood at Rs. 5,62,88,147 against Rs. 5,49,08,205 in the year previous. Against this the total Sinking Fund Investments aggregated Rs. 1,04,68,216, leaving a net debt liability of Rs. 4,58,19,931. From the statement furnished by the Chief Accountant, showing the book and market value of the securities in which the Sinking Funds were invested at the close of the year, it appears that the Sinking Funds are placed on a thoroughly sound basis.

14. *Stores Audit.*—The Stores in stock on the last day of the year were valued at Rs. 5,09,340 against Rs. 6,58,863 at the close of the preceding year, showing a decrease of Rs. 1,49,523 in the balance of current stores. Of this Rs. 43,086 represents the value of Surplus and Obsolete Stores which shows a reduction of Rs. 1,964 compared with the balance in hand on the last day of the year previous. Before the institution of the Central Stores Department the value of Surplus and Obsolete Stores used to be reported at 4 lakhs. It is gratifying to note that the action since taken has practically eliminated these fictitious assets.

15. The work of test audit was continued in the year of report. Fifty-six reports were made relative to the Road, Drainage, Water Works and Health Departments. To quote the words of the Chief Accountant, "the results have been of some use in directing the attention of supervising officers to some weak spots in the administration" and have led to savings in several directions. The extra expenditure entailed in consequence of the test audit operations was only Rs. 3,665, an amount which has undoubtedly been well spent.

16. It is to be regretted that the question of the revision of the valuation of the assets of the Municipality still remains in *statu quo*. To the imperative necessity for this work attention has been repeatedly drawn by the Chief Accountant in his reports and also by the Standing Committee in their reviews. An additional staff costing Rs. 4,000 was asked for by the Commissioner and the Corporation were recommended by the Standing Committee in March 1909 to sanction the expenditure. The proposal then put forward was, however, not accepted, but the Commissioner will do well to bring up definite proposals again before the Corporation. In this connection the Committee invite the attention of the Commissioner to Corporation Resolution No. 2609, dated the 28th May 1900, under which a complete inventory of all Municipal properties with details of original cost, present value, &c., should be embodied in the Administration Report once in five years. No inventory has been submitted since the year 1899-1900. The Committee trust a complete list of Municipal properties will be incorporated in the next report.

Assessment and Collection of Taxes.

17. During the year of report the number of properties on the Assessment Book showed an increase of 39 only, being 59,928 against 59,889 in the year 1909-10 and 59,317 in the year 1908-09. There was however a large reduction in the number of properties exempted from the General Tax, as being of insignificant value, which was reduced from 7,925 in the year previous to 7,550 in the year of report. The number of properties exempted under Section 143 of the Municipal Act was also reduced from 2,451 in the preceding year to 2,028 in the year of report. On the other hand the number of Municipal properties not assessed under Section 143 of the Municipal Act was 1,450 against 1,387, the net result being a rise in the total number of properties assessed to the General Tax from 48,126 in the year previous to 48,900.

18. The year under review witnessed a further rise of over 23 lakhs in the rateable assessment of properties which amounted to Rs. 4,68,59,058 against Rs. 4,45,13,209 in the year previous. Opening with a gross assessment of Rs. 5,04,10,205, the year closed with an assessment of Rs. 5,20,51,478. The complaints against assessment numbered 3,978 against 5,013 in the preceding year and there were 7 appeals against 16 in the previous year. Of these 4 were settled by consent, one was dismissed and two were pending at the close of the year.

19. Inclusive of demands in respect of previous years, amounting to Rs. 30,420, the total demand on account of property taxes amounted to Rs. 79,70,361, showing an increase of Rs. 7,57,253 over the demand for the preceding year. The draw-back allowed during the year was Rs. 47,089 against Rs. 35,023 and Rs. 28,050 respectively, during the two previous years. In all 8,408 claims for draw-back were received, but only 3,368 were admitted. This indicates a good deal of misconception on the part of owners of properties concerning their claims for the rebate and the existing regulations for allowing draw-back seem to require simplification or elucidation. This question is now under the consideration of a Sub-Committee of the Standing Committee.

20. In the actual receipts from the General Tax an increase of Rs. 6,16,671 is recorded, the realization for the year being Rs. 45,76,754 against Rs. 39,60,083 in the year previous, due partly to the tax being raised from 9½ to 10⅝ per cent. in the year of report and partly to the steady rise in the rateable value of properties. Owing to a reduction in the Water Tax from 3¼ to 3⅜ per cent. and in the rates for water supplied to the Railways and the Port Trust from annas 9 to annas 6½ per 1,000 gallons the Water Charges (inclusive of compounded charges, water rate by meter measurement and other miscellaneous water works receipts) amounted to Rs. 19,95,327 against Rs. 20,11,788. The proceeds from the Halalkore Tax (inclusive of charges for special service) however increased from Rs. 11,92,345 to Rs. 12,32,950.

21. There was a decrease of Rs. 29,788 in the receipts from the Wheel Tax which amounted to Rs. 4,51,698 (exclusive of Rs. 20,500 realized from the right of collecting tolls at the Mahim and Sion Causeways) against Rs. 4,81,486 in the preceding year. The Chief Accountant thinks this decrease is accounted for by the "most abnormal receipts in the preceding year"—meaning early payment, during the last quarter of that year, of dues on account of licenses for public conveyances for the year 1910. Of the 4,406 four-wheeled vehicles taxed during the year 473 were motor cars against 432 in the preceding year. The number of cycles taxed was 610 against 629 in the year previous. The question of abolishing the tax on cycles was pending before Government at the close of the year. Act II of 1911 has however since been notified, exempting cycles other than motor cycles from the payment of wheel-tax.

22. The net revenue from Town Duties shows a very substantial increase of Rs. 2,29,050 over the preceding year, due principally to the enhance-

ment of rates of duty on grains from 4 to 6 annas per candy and the re-imposition of the duty on firewood at the rate of 2 annas per candy. The total collections for the year aggregated Rs. 34,49,545 against Rs. 29,29,530. The refunds allowed in respect of goods exported amounted to Rs. 18,57,376, so that the total net revenue for the year stood at Rs. 15,92,169 against Rs. 13,63,119 in the year previous. It is not unlikely that a large share of the receipts in respect of sugar imported during the year may have to be refunded on export during the current year.

The scheme sanctioned by the Corporation for tentatively introducing a system of marking departmentally every package of sugar after its importation and before its clearance from the Docks could not yet be brought into operation, but the rules for the working of the new system have since been made and the Committee will now await with interest the inauguration of the new system.

Public Works.

23. *General Branch.*—The new works carried out by the General Branch of the Executive Engineer's Department were mostly of a minor character. Out of 60 sanctioned new works 40 works were in progress at the close of the year and 20 were not proceeded with at all for various reasons. The school buildings at the junction of Kumbharwada and Sandhurst Road and at Old Nagpada Memonwada Road were practically completed and the work of filling in the Babula Tank was nearing completion. The Committee trust the work of constructing a new market at Chaupati, for which a grant of Rs. 17,000 was originally sanctioned under Corporation Resolution No. 2277, dated 11th June 1896, will now be pushed forward. A site for the Market has already been selected and its acquisition has been sanctioned under Corporation Resolution No. 3298, dated the 27th August 1910.

24. *Drainage.*—The engines and pumps at the Love Grove Pumping Station and the machinery at the Colaba and Love Grove Air Compressor Stations and the several Ejector Stations worked satisfactorily. During the previous year considerable trouble was experienced in keeping in order the pump valves at the Love Grove Pumping Station owing to the presence of kerosene oil in the sewage which caused rapid deterioration of the rubber faces of the valves. This has now almost ceased, due probably to the completion of the Port Trust pipe line from the old pier at Mody Bunder to the Sewree Bulk Oil Installation.

25. The work of laying an additional pipe sewer in DeLisle Road north, an extra Ejector Station at the DeLisle Road Level Crossing and larger ejectors in the Colaba Sub-Districts Nos. III and IV were completed during the year and are working satisfactorily. Very satisfactory progress was also made with the works of laying a new Ejector Station, diverting the old sewage main and pipe sewers and laying new pipe sewers and constructing storm-water drains in connection with the New Elphinstone Road Overbridge. All the storm-water drains have been laid, the new sewers completed and the Tubing and the Ejectors installed. The diversion of the sealed sewage main was however abandoned as a new sealed sewage main has been laid from the new Ejector Station direct to the head of the gravitating sewer in Worli Road. Satisfactory progress was also made in connection with the Surface Drainage of high lands and the portion of the storm-water drain from Reay Road to Lakri Bunder has been completed in the present year. The work on the construction of the Condensing Tank at Love Grove was finished and the works in connection with the provision of screening and detritus chambers and foundations of the new Engine House at Love Grove were in progress at the close of the year. The steam-driven air compressor engines were converted into electrically driven compressors with a power supply from the Bombay Electric Supply and Tramways Company's mains.

26. The scheme for the new low-level sea outfall at Love Grove was still in the inquiry stage at the close of the year. A preliminary survey of the sea-bed at the site of the proposed outfall was carried out by Mr. Kidd of Messrs. Lowther, Kidd and Co., and proposals for the work, based on the survey and float observations of tidal currents, were submitted by Messrs. Lowther, Kidd and Co. with the necessary plans and estimates amounting to Rs. 47,36,018. Having regard to the magnitude of the work the Committee appointed by the Corporation to consider the proposals referred the plans and estimates to a Committee of local experts, consisting of Mr. A. C. W. Fosbery, M.I.C.E., and Mr. L. H. Savile, A. M. I. C. E., of the Bombay Port Trust, Mr. R. J. Kent, A. M. I. C. E., of the Improvement Trust, and Mr. E. M. Proes, Executive Engineer, Presidency. As this Committee were of opinion that the work could be carried out with equal efficiency at a much lower cost, estimated at Rs. 21,50,000, the Commissioner was requested by the Corporation to place himself in communication with Sir Walter Hughes and Mr. Midgley Taylor with a view to obtaining particulars concerning the names of experts capable of giving advice in the matter. The Standing Committee have no doubt the matter will be expedited by the Commissioner.

27. During the year of report 338 street connections were carried out against 331 during the twelve months previous. All these were carried out departmentally at a cost of Rs. 15,332. The Deputy Executive Engineer, Drainage, points out that this work must continue with the erection of new buildings, conversion of the basket privies to the water system and extension of the sewage system. 80 storm-water connections were carried out at a cost of Rs. 2,132.

28. *Water Works.*—The Corporation having resolved that the Water Department should be placed in sole charge of an expert Hydraulic Engineer under the immediate orders of the Commissioner, and Government having expressed their willingness to undertake legislation for the amendment of the Municipal Act so as to admit of the appointment of Water Engineer being regulated by the same provisions of law as those applicable to the Executive Health Officer and Executive Engineer, applications were invited for the post and Mr. H. J. Trives Smith, A.M.I.C.E., M. I. M. E., District Engineer to the Corporation of Calcutta, was recommended for the appointment by a Committee of the Corporation. Owing, however, to the unexpected delay that took place in connection with the proposed amendment, a new office of Water Engineer (in lieu of the office of Deputy Executive Engineer, Water Works), on a salary of Rs. 1,200 per mensem was created until such time as legislative effect was given to the proposal made by the Corporation for the amendment of the Act and Mr. Trives Smith was appointed to the post with effect from the 5th September 1910.

29. During the year the Water Works were maintained in an efficient state. The water-proofing works at the Bhandarwada Reservoir, commenced in the year 1907, were in progress throughout the year and were well-nigh completed. The results of the operations are reported to have shown a marked improvement in the Mazagon locality. All streams and springs round the foot of the hill have now dried up, indicating that there is now practically no leakage from the reservoir.

30. The rain-fall for the year 1910 was not so good as that for the previous year. At Tansa Lake it was 97·20 inches against 101·87 inches in 1909, 90·18 in 1908, 96·10 in 1907, 75·96 in 1906 and 56·74 in 1905. At Vehar it was 77·50 inches against 115·26 in 1909, 76·54 in 1908, 88·51 in 1907, 67·03 in 1906, and 46·77 in 1905; and at Tulsi it was 84·36 inches against 127·05 in 1909, 101·96 in 1908, 119·41 in 1907, 92·62 in 1906 and 55·72 in 1905. The Tansa Lake overflowed on the 6th July, and the Tulsi from the 1st to the 6th October. The Vehar Lake did not overflow.

31. With an increase of 707 water connections newly made and 207 cut off for various reasons, the total number of connections stood at 22,910 against 22,410 in the preceding year. Of these 3,139 were metered against 2,954 in 1909-10.

32. 777 underground and 5,269 above-ground leaks and defects were detected and remedied by the Special Branch of the Water Works Department. The total length of mains examined by this branch, excluding second and subsequent tests, was 23,545 feet against 35,160 in the previous year, and the length including second and subsequent tests was 16,10,531 against 14,92,957 feet.

33. The work of laying additional water mains in various parts of the City was continued during the year. The Commissioner thinks it necessary to point out that with the increasing demand for water and the dangerously small margin for effective use from Vehar, the duplication of the Tansa supply cannot be longer postponed. The question has been under the consideration of a Committee of the Corporation since the year 1906. That Committee has been awaiting a final report from the Commissioner on the subject and it is hoped the matter will now be expedited.

34. *Streets and Buildings.*—3,227 building applications were received, showing an increase of 27 as compared with the number of applications received during the year 1909-10, but a decrease of 602 compared with the returns for the year 1908-09, revealing, as was stated in the Committee's last review, considerable relaxation in the building activity of the City. 417 notices were issued for the removal of unsafe buildings. Of these 353 were complied with, in 8 cases structures were removed by the Municipality and 56 cases were pending at the close of the year. There were 12 collapses of buildings, resulting in the death of one person and injury to two.

35. Once again the Commissioner emphatically repeats the complaint that in a large number of cases the magistrates inflicted no penalty or very nominal penalties although they held that offence had been committed. In as many as 196 cases parties were simply warned and discharged. The matter has already been reported to the Corporation and is receiving the attention of a Committee of the Corporation. It may be noted, however, that the Standing Committee have repeatedly suggested that the High Court might be moved to revise the decisions in a few typical cases or that, should this be not practicable, an attempt might be made to elicit information as to the considerations that influence the Magistrates' decisions in such cases. It appears from the report that the Committee's suggestion has not been acted upon in any case.

36. 7,732 square yards of ground, valued at Rs. 2,66,644, were added to the streets. This amount, though considerably less than the previous year's figure of Rs. 3,40,587, is, observes the Commissioner, greater than the Corporation can afford to spend. Pointed attention has been drawn to this aspect of the question in the previous reviews of the Committee, and at the close of the year the question was still under the consideration of the Committee appointed by the Corporation to suggest what the future policy of the Corporation should be in respect of street improvements.

37. The area of roads metalled during the year was 4,551,871 square feet and the total amount spent on repairs and maintenance aggregated Rs. 4,63,624 against Rs. 4,52,743 in the preceding year, the rates for full metalling and full patching working out at 11·23 and 8·04 pies per square foot respectively. Some of the important roads in the Fort were treated with tar. The roads were again very heavily disturbed in consequence of the operations of the Water and Drainage Departments, and the special operations of the Tramways, Telephone and Gas Companies, the road surface thus disturbed

being, according to the Executive Engineer's estimate, nearly 26 miles out of 162 miles of road in the City. Nine street refuges combined with gas lamps were put up at the junctions of (1) Queen's Road, Church Gate Street and Marine Lines, (2) Cruickshank Road and Esplanade Road, (3) Sandhurst Road and Girgaum Road, and (4) Queen's Road and Mathew Road.

38. *Tramways.*—No new tram rails were laid during the year under notice. Three sidings, measuring 231 feet in length, were provided on the west side of the Bhatia Baug and a large refuge was constructed between the sidings and Hornby Road. These sidings and a slight diversion of the tram tract on the north side of the Baug have considerably relieved the congestion of traffic at this point.

39. *Overbridges.*—Very satisfactory progress was made with the construction of overbridges. The Arthur Road Overbridge was nearly completed and the construction of the Elphinstone Road Bridge was in progress. All the properties in connection with the Clerk Road and Currey Road Overbridges have been acquired and the works in connection with these bridges were also in progress.

40. *Lighting.*—For the lighting of the City 5,105 gas lamps and 1,848 Kerosine oil lamps were maintained during the year at a cost of Rs. 3,20,770 and Rs. 43,344 respectively. This shows an increase of 321 in the number of gas lamps and an increase of Rs. 22,519 in the total expenditure compared with the figures for the preceding year.

41. *Workshops.*—The value of departmental and private work turned out at the Municipal Workshops has been computed at Rs. 1,68,689, the net result of the year's transactions being a balance of Rs. 1,754 in favour of the workshops. The working of the Motor Meat Van was withdrawn from service from the 14th September 1910, as it was found to be unfit for further use. The Steam Tractor worked for 246 days during the year, and had to be withdrawn from service from 4th March 1911 owing to the failure of the axle.

Fire Brigade.

42. The year witnessed considerable activity in strengthening the Fire Brigade. The Bhuleshwar Fire Brigade Station was reconstructed and opened in January 1911 and a Motor Steam Fire Engine and a 75-foot fire escape are also located at the station. The system of communication by telephone has been greatly improved. A Central Switchboard has been located at the Byculla Fire Brigade Station to which all fire stations are separately attached and direct communications have been made with the Water Works Department. Proposals for the provision of Street Fire Alarms were placed before the Corporation by the Commissioner and are now under the consideration of a Committee of the Corporation. The Brigade was maintained in a state of efficiency throughout the year which was a remarkably successful one from the point of view of fire protection. There were 123 calls to fires of which only 6 proved to be false alarms. It was also requisitioned in connection with 2 cases of fallen houses and extricated 9 persons from the debris, of whom 1 was found dead. The remaining 8 recovered after hospital treatment.

43. The actual number of fires during the year was 117, showing an increase of 8 as compared with that for the previous year, and an increase of 21 over the average number of catastrophes during the past decade. 71 of these were extinguished by the Brigade and 46 before the arrival of the Brigade. Despite the increase in the number of fires, the total damage to property is estimated at Rs. 5,76,742 only, showing a decrease of Rs. 9,28,815 as compared with the amount for the previous year, and is the lowest recorded for the past

ten years. The number of buildings damaged by fire was 28 only. Of these 16 were insured and the damage done to insured and uninsured premises has been computed at Rs. 4,32,172 and Rs. 1,44,570 respectively. The property saved from destruction is rated at Rs. 38,07,511.

44. The only fire which proved fatal was the Mandvi DeSouza Street fire. It occurred in a six-storied building, the ground-floor of which was used as a waste paper store. The Fire Brigade did not receive a call in time so that on arrival it found the whole building enveloped in flame and the upper floor of a large six-floored building and a ground-floor building on either side well alight. 8 persons were burnt to death, while two were killed on the spot and one lost his life later from injuries received in a desperate attempt to jump from the upper floors.

Public Gardens.

45. The year witnessed further decline in the number of visitors at the Victoria Gardens, which was 1,618,724 against 1,951,917 during the year previous, the decrease being due partly to the exodus of mill-hands owing to the closing of some of the mills, a visit to the gardens being a favourite means of recreation to this class, and partly to a reduction in the number of musical prerformances at the Gardens, consequent on the provision of music at the Band Stand Green, and partly also to the levy of admission fees, as an experimental measure, on alternate Wednesdays. Although the day selected was not suitable for business people, the experiment shows an average attendance of 1,064 visitors and an income of Rs. 120 per diem. It is, therefore, proposed to continue the experiment and a proposal to reserve alternate Saturdays instead of Wednesdays for the levy of the fees has been sanctioned by the Corporation. The Band performances at the Esplanade Band Stand continue to be very popular.

Among the additions to the Zoo may be noted a pair of tigers and a lion acquired by purchase, a Llama born in the Garden, a Leopard Cub presented by His Excellency Sir George Clarke, another by Messrs. Cowasji Dinshaw and Brothers of Aden, two cubs presented by Mrs. M. M. Crawford and three more cubs presented by Mr. J. L. Rieu, I.C.S. Owing to the outbreak of anthrax the Gardens lost a Black Leopard, a Spotted Deer and two Antelopes.

46. After a steady increase for several years in the number of visitors to the Victoria and Albert Museum, augmenting the total in the year previous to 9,38,951, the year under review witnessed a falling off in the number of visitors to 7,61,722. Even after allowance is made for the influx of pilgrims which swelled the number for the previous year and for the exodus of mill-hands during the year of report, referred to in the foregoing paragraph, so large a falling off in the total for the year of report seems difficult to account for, especially as constant efforts have been made by the Curator to show in a popular and attractive manner specimens in the Natural History and Economic Sections. Special attention is invited by the Commissioner to the addition of a collection of photographs and prints of the City as it was in the past, and he points out that in view of the establishment of the Prince of Wales' Museum for general interest, it is desirable that this Museum should be maintained as a City Museum preserving records and relics of local interest. The thanks of the Municipality are due to Mr. F. H. S. Stone, Chief Officer, S. S. "Arcadia," who kindly presented to the Museum a collection of British and Indian Fossils. Of these 16 were Indian Fossils found chiefly in Bombay and 350 were Fossils found in Great Britain.

Health Department.

47. 19,939 births were registered during the calendar year 1910, showing an improvement of only one hundred over the previous year, but exceed-

ing the last decennial average by 2,021. This gives a birth-rate of 20·39 per mille. It is, however, no criterion of the actual strength of the total infant population of the City, as the system of registration, though improving, is yet far from being perfect, owing to the ignorance of the people as to the statutory obligation to notify births or indifference to discharge it, and particularly because these statistics take no cognizance of children of mothers belonging to the City but born outside it and brought into the City after birth. During the year under review 5,425 such children under one year of age were vaccinated. Taking these into account and the percentage of the unregistered children who must have escaped vaccination owing to death or delays, the probable infant population of the City is estimated at 27,073, giving a birth rate of 27·68 per mille against 27·28 for the twelve months previous.

48. The Jews, as heretofore, show the highest birth-rate, which has risen from 40·43 in the previous year to 46·20 in the year of report. Next come the Buddhists and the Native Christians with the birth-rates of 35·21 and 31·92 respectively. The Parsis exhibit a noticeable improvement from 26·05 to 28·44 and the European birth-rate has also risen from 13·35 in the previous year to 15·51 in the year under notice. A sharp decline in the birth-rate amongst the Mahomedans was commented upon last year. In the year of report this community shows a slight increase over the preceding year, the birth-rate being 23·12 against 22·87.

49. The bill of mortality for the year under review was a trifle higher than in the previous year, the total number of deaths registered being 34,933 (giving a death-rate of 35·72) against 34,878 in 1909, and 38,271 in 1908. With the exception, however, of the mortality for the year 1909, it is the lightest ever recorded since the outbreak of plague, as will be seen from the subjoined table :—

Year.	Number of deaths registered.	Death-rate per mille.
1896	33,451	40·71
1897	47,896	58·28
1898	51,961	63·23
1899	56,434	68·07
1900	79,350	96·55
1901	59,495	76·66
1902	48,414	62·38
1903	50,513	65·09
1904	42,676	54·99
1905	47,662	61·54
1906	52,874	54·07
1907	38,687	39·56
1908	38,271	39·13
1909	34,878	35·66
1910	34,933	35·72

50. It is also gratifying to notice that the contribution of plague to the total mortality was the lowest in the City's history of the disease, being 3,656 against 5,197 in the year previous. The toll demanded by Cholera was also much lighter, its victims numbering 107 against 727 in the preceding year. Small-pox on the other hand was rife in the City and claimed 1,008 lives against 473 in the previous year when it was sporadic. Measles also prevailed with greater virulence and registered 109 more deaths. Once again the continual importations of small-pox from outside, particularly by the Hajis returning from Jeddah

were largely responsible for the heavy toll taken by this entirely preventable disease. It was noted in the Committee's Review of the report for the previous year that decided efforts were being made, with the co-operation of the Commissioner of Police, to persuade the Hajis to take to vaccination. The total number of pilgrims vaccinated in Bombay during the year 1910 was 8,278 of whom 2,028 were females.

51. Compulsory re-vaccination between the age of 8 and 11 is another important measure advocated by the Health Officer for averting this disease. This question was again considered by the Corporation during the current year, and they came to the conclusion that re-vaccination should be made compulsory in the City between the age of 7 and 9, and that persons who may have escaped vaccination before that age should also be compelled to get themselves vaccinated in the first instance and re-vaccinated after an interval of 7 to 9 years. Government have been requested to undertake legislation for the necessary amendment of the Vaccination Act. Meanwhile, the desirability of vaccination and re-vaccination was impressed upon the public through the Press and by the distribution of leaflets. The response was a very gratifying one. There was an enormous demand from schools and colleges, clubs and messes, hospitals and other charitable institutions, banks and business houses, Government and public offices. This unprecedented demand was cheerfully coped with by the Department. Special temporary stations for vaccination were opened, the total number of vaccine operations performed during the year numbering 40,956 and indicating an increase of 11,840 over 1909 and of 15,679 over the decennial average of 1900-1909.

52. The mortality from Fevers, including Malaria, amounted to 3,113, showing an increase of 313 over the preceding year, but a fall of 290 compared with the year 1908. Of these 293 deaths are credited to Malaria, exactly the same number as that recorded for the previous year, but showing an excess of 47 over the past quinquennial average. From the table of deaths registered from this disease by sections it may be seen that while Fort North contributed 31 to the total and Esplanade 30, Umerkhadi contributed 40, the largest number recorded by Sections, and Dongri 22.

53. The progress of the anti-Malarial measures was necessarily slow in view of the recommendation of the Corporation to avoid hurting the religious sentiments and feelings of owners of wells harbouring Malarial mosquitoes and the desire of the Standing Committee to give effect to the wishes of the Corporation as far as possible. A Sub-Committee of the Standing Committee carefully enquired into the condition of the objectionable wells reported by the Department, and although its inspection of the wells necessarily involved some delay, approval to the requisitions for filling in or hermetically covering a very large number of cases was given by the Standing Committee on the recommendation of the Sub-Committee. In all 223 wells were hermetically covered and 74 filled during the year of report.

54. As usual the death-rate amongst the Europeans (18·50) was the lowest. Compared with the death-rate for the previous year (14·81), it however shows a considerable increase. Out of the native communities the Mahomedans again show the highest death-rate (51·10) and the Parsees the lowest (27·30). Amongst the Hindus the mortality was 32·41 per mille, amongst the Native Christians 48·73, and amongst the Jews 36·33. With reference to the appalling rate of mortality amongst the Mahomedans the Health Officer once again points out that this community pays the heaviest toll to Phthisis and other Respiratory Diseases, the death-rates being 4·61 and 12·56, the reasons being the great density of population in the principal Mahomedan localities and their ill-ventilated houses, the evileffects of which are accentuated by the seclusion of women enjoined by the Purdah system. As compared with the decennial average of mortality amongst the different communities an appreciable reduction is to be noticed in favour of all the

communities. Amongst the Jews the mortality has been steadily rising since the year 1908, when it was 31·11. Nevertheless, this small community also shows a decline of 27 in its favour. The only community whose death-rate exceeds the decennial average is the European Community, being 18·50 against the mean of 17·44. No special reasons accounting for this rise could be given.

55. With the slight increase in the City's bill of mortality the infantile death-roll was also a trifle higher. Against 8,030 in the preceding year, 8,253 deaths of children under one year of age were registered in the year of report, the death-rate per mille, calculated on the corrected number of births worked out by the Health Officer, being 304 against 300 in the previous year. The death-rate amongst infants for the whole of India was 202. Compared with this rate the Bombay rate shows a considerable increase which, though not quite an abnormal toll for a large City, cannot but be regarded as appalling. For reducing the mortality amongst children of tender age the Health Officer has repeatedly suggested the following remedies :—

"(1) Provision of Lying-in-Hospitals for the poor and free medical attendance and provision of a nurse before and after child-birth: (2) education of the native midwives at the hospital, the registration and licensing of these women: (3) introduction of a section of the Act so as to prevent a woman without a certificate and license to attend on a confinement; (4) provision of Municipal Milk depots where women could obtain pure milk at a small cost."

None of these measures has yet been taken in hand. In the Review of the last Administration Report a reference was made to the encouragement received by the Health Officer in his efforts to have a free Lying-in Hospital provided for the poor and to the progress made with a scheme to provide a hospital consisting of 100 beds with arrangements to teach nursing to native midwives. It has since been decided to amalgamate the scheme with the wider one for establishing a hospital in the North of the Island as the City's memorial to the late King-Emperor Edward VII. The King-Edward Memorial Fund Committee have addressed the Corporation enquiring whether the Municipality will be prepared to make any contribution towards the funds for erecting a Memorial Hospital in the north of the City and whether the Municipality will equip the Hospital when completed and undertake the charges of maintenance, and the matter is now engaging the attention of the Medical Relief Committee of the Corporation.

56. 713 confinements were attended by the Municipal Nurses against 741 in the previous year and their house to house visits numbered 49,428. The nurses also continued their enquiry into the conditions of newly born-infants and useful data have been gathered concerning child-life in this City.

57. During the year 87,066 persons availed themselves of the free medical aid given by the ten Municipal Dispensaries and the two other Charitable Dispensaries at Colaba and the Victoria Bunder, aided by the Municipality, against 81,093 in the previous year. In addition to these 2,796 patients were treated at their houses. This indicates a satisfactory increase in the number of patients who availed themselves of the relief afforded by the Municipality. The notifications of infectious diseases received from qualified Medical Practitioners number 1,487 against 2,084 during the twelve months preceding. From Hakims and Vaidyas 68 notifications were received, and the diseases reported in 66 cases were found on investigation to be correct.

58. Owing to the sudden and untimely death of Dr. B. P. Ghadiali, who filled the post of Municipal Analyst with credit and distinction for over five years, temporary arrangements had to be made to carry on the work of the Laboratory until 11th July 1910, when Dr. Lemuel L. Jhosi, M.D.,B.Sc., D.T.M., took over charge of the Laboratory. 4,502 articles were examined during the year against 5,089 in the year previous. Of these 1,395 were

examined chemically and 3,107 bacteriologically, including 1,276 samples of water supply, of which 244 were examined chemically and 1,032 bacteriologically. 5,436 tins of Laboratory Rat Poison were prepared and 1,155 capillary tubes of vaccine were tested before being used by the Vaccination Department.

59. There were 1,266 admissions at the Arthur Road Hospital against 1,056 in the previous year, Small-pox and Measles contributing as many as 790 : 315 cases proved fatal. Of the 685 Small-pox cases 399 were vaccinated and 286 unvaccinated and the incidence of mortality amongst these two sets of cases was 18·04 and 41·95 respectively. These results clearly demonstrate the efficacy of vaccination in reducing the case-mortality rate amongst those protected by it. At the Maratha Hospital 476 patients where admitted as compared with 650 in 1909 and 813 in 1908. Of these 440 were plague cases, the mortality amongst whom was 77 per cent., about 3 per cent. lower than the case-mortality rate for the previous year, which was the highest recorded since 1902. These figures indicate that despite the greatly reduced incidence of the affection, its virulence shows no abatement. Further observations into the serum-therapy of plague were continued by the Plague Research Commission during the epidemic. Owing, however, to the lateness of the epidemic as also to the unsuitability of a large number of admissions, much progress could not be made.

60. As anticipated, the results of the introduction of motor waggons for the removal of refuse and town sweepings have been satisfactory, both from the point of view of efficiency as well as expense. The question of disposal of refuse by Destructor is still under consideration. 857,878 cart-loads of rubbish were unloaded at the Tardeo Flats and other places as against 748,755 in 1909 and 700,402 in 1908 and 117,175 night-soil and cesspool carts and 4,271,898 night-soil baskets were emptied at the several *night-soil* depots as compared with 126,684 night-soil and cesspool carts and 4,173,293 night-soil baskets during the preceding year.

Licenses.

61. The year witnessed a further increase in the number of licenses from 7,204 in the previous year to 7,540. The receipts improved in consequence from Rs. 85,371 to Rs. 87,806. A milch cattle stable at Arthur Road was closed, and two others were under action for closing. It was remarked in the review of the Administration Report for the year 1908 that the Committee would have liked to know what effect the closing of stables in the City had on the milk supply. If not impossible, this information should be obtained.

Markets.

62. After a continued decline in the receipts from the Municipal Markets and the Slaughter Houses, an increase of Rs. 20,634 has been recorded in the year of report. As compared with Rs. 4,81,737 in 1907-08 and Rs. 4,76,558 in 1908-09 and Rs. 4,67,972 in 1909-10, the receipts aggregated Rs. 4,88,606. This increase has been attributed principally to a rise in the stall rents and the occupation of vacant stalls.

63. The quantity of unwholesome food, particularly fish and meat, destroyed by the Department during the year amounted to 205,277 lbs. against 241,774 lbs. in the year previous. The provisions of the Municipal Act in respect of the seizure of contraband meat and the prosecution of the offending parties not being as stringent as required, Government were moved by the Corporation to amend the Act so as to empower the Railway Authorities to co-operate with the Municipality in the matter. Section 412 of the Municipal Act has accordingly been amended by Act II of 1911.

Primary Education.

64. 14 new schools having been opened during the year of report, and one Gujerati school, opened in the previous year at Thakurdwar, having been

closed for want of attendance, the Municipal Schools maintained by the Corporation numbered 127. The number of pupils who attended the schools rose from 11,559 to 13,255 during the twelve months previous. The aided schools numbered 112, being one less than in the previous year, and the attendance at these schools was 11,661. The grant-in-aid given to these schools amounted to Rs. 36,053 against Rs. 34,098 in the preceding year. The Committee's receipts for the year aggregated Rs. 3,61,150 against Rs. 2,37,630 and the expenditure rose from Rs. 2,88,202 to Rs. 3,30,891.

It will be seen from the following table that very considerable progress has been made since the passing of the Police Charges Act of 1909:—

Year.	Number of Municipal Schools.	Number of Pupils.	Amount of grant-in-aid paid to Aided Schools.	Total Expenditure.
1907-08	102	9,466	29,310	2,33,134
1908-09	102	10,314	32,834	2,54888
1909-10	114	11,559	34,098	2,88,202
1910-11	127	13,255	36,053	3,30,891

Not so satisfactory has been the progress in regard to the erection of School Buildings. Only two new buildings were nearly completed at the close of the year. The selection of suitable sites necessarily takes much time, but it may be hoped a more satisfactory progress will be recorded next year.

Conclusion.

65. In conclusion, the Standing Committee congratulate the Commissioner Mr. P. R. Cadell, I.C.S., on his successful administration of Municipal affairs during the year.

PHIROZE C. SETHNA,

Chairman of the Standing Committee.

MUNICIPAL CORPORATION OFFICE,

Bombay, 27th December 1911.

Annual Administration Report of the Municipal Commissioner for the City of Bombay for the year 1910-11.

Introductory.

1. Mr. W. D. Sheppard, C.I.E., I.C.S., held the office of the Municipal Commissioner for the City of Bombay upto the 6th May 1910 and Mr. P. R. Cadell, I.C.S., who was appointed to the post, continued in the appointment till the close of the year.

2. The general health of the City was satisfactory during the year.

I.—Corporation and Standing Committee.

THE CORPORATION.

3. Dr. Kavasji Edalji Dadachanji, L. M. & S., was appointed President of the Corporation at the meeting held on the 14th April 1910 and held that appointment throughout the year.

4. Fifty-three meetings of the Corporation, one attendance of Councillors for the presentation of an Address of Welcome to Lord Hardinge of Penhurst, Viceroy-Designate, on his arrival in Bombay and one attendance of Councillors for the presentation of a Farewell Address to His Excellency the Right Hon'ble the Earl of Minto, on his retirement from the office of Viceroy of India, and one hundred and eight meetings of the Committees of the Corporation, other than those of the Standing Committee, were held.

5. The changes that took place during the year in the personnel of the Corporation were as follows :—

The Hon'ble Mr. Herbert R. Greaves resigned on the 11th May 1910 and in his place Mr. F. F. Gordon was elected by the Justices on the 9th June 1910.

Mr. G. W. Hatch, I.C.S., resigned on the 25th October 1910 and in his place Mr. E. L. Sale, I.C.S., was appointed by Government on the 7th November 1910.

Mr. A. K. Leslie resigned in March 1911 and in his place Mr. G. O. W. Dunn was appointed by Government on the 22nd March 1911.

6. The election of Messrs. Lakhamsi Napoo and Khimji Hirji Kayani as Councillors was set aside on the 13th April 1910 by the Chief Judge of the Court of Small Causes, and Sir Jamsetjee Jejeebhoy, Bart., and Dr. Rajabali Visram Patel were appointed by the Corporation on the 10th May 1910 in their places. They, however, vacated their seats on the 7th July 1910 in view of the High Court's judgment directing the Chief Judge of the Court of Small Causes to elect Councillors in place of those whose election had been set aside; and Messrs. Jaffer Joosab and Sarafalli Mamooji were declared on the 9th December 1910 by the Chief Judge of the Court of Small Causes as having been duly elected by the Ratepayers of B Ward.

7. Mr. Motilal Jamnadas Sevaklal died on the 30th April 1910, and in his place Rao Bahadur Soonderdas Narandas was elected by the Ratepayers on the 21st May 1910.

8. The Hon'ble Arthur Hill Trevor resigned on the 9th January 1911 and in his place Mr. F. H. Simkin was appointed by Government on the 17th February 1911.

9. The following Councillors were absent from the meetings of the Corporation for the period shown below, for reasons approved by the Corporation, under Section 17 (*b*) of the Municipal Act :—

Name.	Period.
Mr. Cowasji Jehangir	For 5 months up to 15th September 1910.
Rao Bahadur Dhackji Cassinathji ...	For 4 months up to 31st December 1910.
Mr. J. S. Wardlaw Milne	For 8 months up to 18th November 1910.
The Hon'ble Sir Pherozeshah M. Mehta, K. C. I. E.	From 23rd April 1910 to 10th February 1911.
Mr. E. M. Proes	For 3 months up to the end of July 1910.

THE STANDING COMMITTEE.

10. The Hon'ble Mr. Fazulbhoy Currimbhoy Ebrahim was appointed Chairman of the Standing Committee at the meeting held on the 21st April 1910 and held that appointment throughout the year.

11. There were fifty-two regular meetings of the Standing Committee and fifty-three meetings of the Sub-Committees thereof; eight other Sub-Committee meetings were convened but could not be held.

12. There were fifty attendances of members for the auditing of Municipal Accounts and one hundred and twelve for cheque signing.

13. No change took place during the year in the personnel of the Standing Committee.

14. The following is the list of Municipal Councillors who held Office on the 31st March 1911 :—

KAVASJI EDALJI DADACHANJI, DR., L.M. & S., J.P., *R* (D Ward), *President*;

ABDUL HUSSEIN ADAMJI PEERBHOY, THE HON'BLE MR., J.P., *R* (C Ward),

ABDUL SATAR AYUB GAYA, DR., L.M. & S., *R* (B Ward),

BALKRISHNA VASUDEV PANDURANG, MR., J.P., *G*,

*BAPTISTA, JOSEPH, MR., L.C.E. (Bombay), B.A., LL.B. (Cantab.), BAR.-AT-LAW, *R* (E Ward),

‡ § BHALCHANDRA KRISHNA BHATAWADEKAR, SIR, KT., B.M., J.P., *R* (D Ward),

BRITTO, J. L., MR., J.P., *G*,

‡ § CHIMANLAL H. SETALWAD, THE HON'BLE MR., B.A., LL.B., J.P., *U*,

*CHUNILAL VIJBHUKANDAS MEHTA, MR., M.A., LL.B., *R* (C Ward),

COLLIE, M. A. T., LIEUT.-COL., M.B. (Aberd.), C.M., I.M.S., J.P., *J*,

COWASJI JEHANGIR READYMONEY, MR., B.A., (Cantab.) J.P., *J*,

*‡ DAVID, SASSOON, The Hon'ble SIR, KT., J.P., *G*,

D'MONTE, DOMINICK A., DR., M.D., L.R.C.P. (London), L. M. & S., M.R.C.S., L.M.P.S.A., F.R.G.S., M.R.A.S., J.P., *G*,

†DHACKJEE CASSINATHJEE, RAO BAHADUR, J.P., *R* (C Ward),

DINANATH BALKRISHNA NAIK DANDEKAR, RAO BAHADUR, DR., L.M. & S., F.R.C.P.E. (London.), J.P., *J*.

DINSHA ROMANJI PESTANJI MASTER, DR., L.M. & S., J.P., *R* (C Ward),

† ‡ § DINSHA EDALJI WACHA, MR., J.P., *R* (A Ward),

DINSHAW MANOCKJI PETIT, SIR, BART., J. P., *J*,

DUNN, G. O. W., MR., *G*

EBRAHIM ADAMJI PEERBHOY, MR., *R* (C Ward),

*EDWARDES, S. M., MR., I.C.S., J.P., *J*,

ELLAPA BALARAM, RAO BAHADUR, J.P., *R* (E Ward),

*§ FAZULBHOY CURRIMBHOY EBRAHIM, THE HON'BLE MR., J.P., *R* (G Ward), (*Chairman, Standing Committee*).

*FAZULBHOY MEHERALLY CHINOY, MR., J. P., *G*.

GORDON, F. F., MR., J.P., *J*,

GULLAM HUSEN CURRIMBHOY EBRAHIM, MR., J.P., *J*,

HAJI SULEMAN ABDUL WAHED, MR., J.P., *G*,

HAJEE YOOSOF HAJEE ESMAIL SOBANI, MR. J.P., *J*,

HARI SITARAM DIKSHIT, MR., B.A., LL.B., J.P., *R* (D Ward),

†‡ IBRAHIM RAHIMTOOLA, THE HON'BLE MR., C.I.E., J.P., *R* (B Ward),

JAFFER JOOSAB, MR., *R* (B Ward).

JAFFER RAHIMTOOLA, MR., B.A., BAR.-AT-LAW, J.P., *R* (B Ward),

* JAMSETJEE ARDASEER WADIA, MR., J.P., *J*,

JEHANGIR ROMANJEE PETIT, MR., J.P., *J*,

JEHANGIR J. CURSETJI, DR., M.D., L.R.C.P., L.R.C.S., *R* (C Ward),

JEHANGIR RUSTOMJI PATELL, MR., B.A., LL.B., J.P. *R* (D Ward),

KARAMALI PEERBHAI HAJI, MR., J. P., *R* (B Ward),

†KAZI KABIRUDDIN, MR., BAR.-AT-LAW., J. P., *R* (E Ward),

LEAO, D. F., MR., J.P., *G*,

McBAIN, J. A. D., MR., J.P., *R* (A Ward),

†MACDONALD JAMES, MR., J.P., *J*,

MADHAVJI VIRJI, MR., B.A., LL.B., *R* (A Ward),

MAHOMEDBHOY CURRIMBHOY EBRAHIM, MR., J.P., *R* (F Ward),

MAHOMEDBHOY HAJIBHOY LALJI, MR., J.P., *J*,

MILNE, J. S. WARDLAW, MR., J.P., *CC*,

MIRZA ALI MAHOMED KHAN, MR., M.A., LL.B. J.P., *G*

MORESHWAR CHINTAMAN JAVLE, DR., *R* (G Ward),

MULJI B. BARBHAYA, MR., J.P., *G*,

*MUNMOHUNDASS RAMJI, THE HON'BLE MR., J.P., *R* (C Ward),

NADIRSHAW H. K. SUKHIA, DR., L. M. & S., L. V. SC., M.R.S.I. (London), *R* (A Ward),

†NARAYEN VISHVANATH MANDLIK, MR., B.A., LL.B., J.P., *J*,

‡ NOWROSJEE JEHANGEER GAMUDIA, MR., J.P., *R* (A Ward),

ORR, J. P., MR., I.C.S., J.P., *G*,

§ PHEROZESHAH MERWANJEE MEHTA, THE HON'BLE SIR, K.C.I.E., M.A., BAR.-AT-LAW, J.P., *J*,

*PHIROZE CURSETJI SETHNA, MR., B.A., J.P., *J*,

*‡ PRORS, H. M., MR., A.M.I.C.E., J.P., *G*,

RAMCHANDRA BHASKER MANTRI, MR., J.P., *R* (F Ward),

RATANSHA TEMULJI NARIMAN, DR., M.D., F.R.M.S., J.P., *J*,

SALE, E. L., MR., I.C.S., J.P., *G*,

SALEBHOY KARIMJI BARODAWALLA, MR., J.P., *R* (E Ward),

SARAFALI MAMOOJI, MR., *R* (B Ward),

SHAPOORJEE SORABJEE MISTRY, MR., *R* (A Ward),

SHAVAKSHA SORABJI BATLIWALA, DR., B.M. & S., J.P., *R* (F Ward),

SHERIF DEVJI KANJI, MR., *R* (B Ward),

SIMKIN, F. H., MR., J. P., *G*,

SORABJI CURSETJI DHONDY, MR., *R* (E Ward),

SOONDERDAS NARANDAS, RAO BAHADUR, B.A., LL.B., *R* (C Ward),

TAHERALI MAHOMEDALI KAJIJI, MR., M.A. (Oxon.), LL.D. (Dublin), BAR.-AT-LAW., J.P., *G*,

TEMULJI BHIKAJI NARIMAN, THE HON'BLE DR., L.M., F.R.M.S (London), J.P., *U*,

*‡ TOD, A. M., MR., J.P., CC,

VASANTRAO ANANDRAO DABHOLKER, MR., J.P., *G*

VITHALRAO KRISHNAJI VANDEKAR, RAO BAHADUR, J.P., *R* (B Ward),

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NOTE.—The letters against the names signify—*R*, that the member was elected by the Ratepayers; *J*, by the Bench of Justices; CC, by the Chamber of Commerce; *U*, by the University; and *G*, appointed by Government.

NOTE.—The marks against the names signify—*, Member of the Standing Committee; †, Member of the Schools Committee; ‡, Member of the Board of the City of Bombay Improvement Trust; §, Member of the Board of the Victoria Jubilee Technical Institute.

II.—Heads of Departments.

15. Mr. Joseph Hall, M.I.C.E., M.I.Mech. E., &c.; held the post of the Executive Engineer from the 1st April to 19th November 1910. He retired from the 20th November 1910 in accordance with the Corporation Resolution No. 5018, dated the 14th November 1910. Mr. B. H. Hewett, A.M.I.C.E., Deputy Executive Engineer, Mechanical Branch, was appointed to act as Executive Engineer pending the appointment of a permanent incumbent to the post. Mr. Hewett continued in the appointment till the close of the year.

16. Mr. N. Maughan, A.M.I.C.E., continued as Deputy Executive Engineer, Drainage, throughout the year.

17. Mr. Nassarwanji Dorabji Bhada, L.C.E., A.M.I.C.E., Acting Deputy Executive Engineer, Water Works, retired from service on the 5th September 1910, and Mr. H. J. Trivess Smith, A.M.I.C.E., M.I.M.E., who was appointed Deputy Engineer Water Works, took over charge of the office from the same date. Mr. Trivess Smith continued in the appointment till the end of the year.

18. Mr. B. H. Hewett, A.M.I.C.E., Deputy Executive Engineer, Mechanical Branch, was appointed to act as Executive Engineer from the 20th November 1910 and Mr. T. A. E. Thompson, 1st Engineer, Love Grove Pumping and Air Compressor Stations, was appointed as Engineer in charge of the Mechanical Branch.

19. Dr. J. A. Turner, M.B., D.P.H., continued as Executive Health Officer throughout the year.

20. Mr. W. E. Waite, Chief Accountant, was on leave from the 25th July 1910 to the 28th October 1910, during which period Mr. Manekshah Cawasha Taleyarkhan, Deputy Accountant, was appointed to act as Chief Accountant.

21. The following Officers continued in their respective appointments throughout the year :—

Mr. Behramji D. Banaji, Assessor and Collector.

Mr. R. P. Masani, M.A., Municipal Secretary.

Mr. Sorabji Bomanji Master, Revenue and Refund Audit Officer.

Mr. Douglas Bennett, Superintendent of Markets.

Mr. L. W. Michael, Superintendent of Licenses.

Mr. Cecil L. Burns, Curator and Secretary, Victoria and Albert Museum.

Mr. C. D. Mahaluxmiwalla, Superintendent of Gardens.

Mr. W. Nicholls, Chief Officer, Fire Brigade.

Mr. N. B. Masani, Secretary, Schools Committee.

Captain J. Lacey, Storekeeper.

Rao Saheb Anandrao Wamon Shete, Assistant to Commissioner and Superintendent of Printing and Stationery.

III.—Financial.

I.—GENERAL.

22. The year opened with a working cash balance of Rs. 21,96,540. The revenue realized during the year aggregated Rs. 1,21,96,149, while the expenditure amounted to Rs. 1,12,81,872. There was thus a surplus of Rs. 9,14,277, which mainly contributed to the increase in the working cash balance at the end of the year to Rs. 31,49,323 ; of this latter sum Rs. 6,61,178 are reserved for lapsed grants required to be renewed in 1911-12 and subsequent years. The surplus cash balance at the close of the year amounted to Rs. 24,88,146 including the minimum of Rs. 1,00,000 required by law and Rs. 8,65,000, reserved for payment to the City Improvement Trust on account

of contribution from revenues earmarked for the purpose. The unhypothecated cash balance thus amounted to Rs. 15,23,146. This sum is in my opinion not too large in view of the growing expenditure of the City and the heavy calls in the immediate future. The position is reviewed in paras. 3, 10, 37 and 42 of the Chief Accountant's report and I am in agreement with that Officer in the conclusions arrived at.

II.—Income.

23. During the year the General Tax was increased from 9¼ per cent. to 10⅛ per cent. and the Fire Tax from ⅜ per cent. to ½ per cent. on rateable value. The Water Tax was reduced from 3½ per cent. to 3⅜ per cent. and the charge to Railways and Port Trust for water supplied by meter measurement was reduced from annas 9 to 6½ annas per 1,000 gallons. The Town Duty on grain was increased from 4 annas to the maximum of 6 annas and the maximum duty on Firewood of 2 annas per Khandy was imposed. The income realized during the year was Rs. 4,51,149 more than the original estimate, principally from Water and Halalcore Taxes, Wheel Tax, Town Duties, and Returns from Property and Miscellaneous. The reasons for the deviations have been dealt with by the Chief Accountant in paras. 19—24 of his report. The actual receipts for the year exceeded those of the previous year by Rs. 9,82,285, as explained in paras. 26 and 27 of the Chief Accountant's report. The incidence of taxation per head of population was Rs. 10-12-1 in 1910-11 according to the Census taken in 1911.

24. As compared with the revised estimate there was an increase in the Income of the year of Rs. 1,41,974, the reasons for which are explained in para. 25 of the Chief Accountant's report. The Chief Accountant places the real expansion of the Revenues as compared with the previous year at Rs. 3,00,000.

III.—Expenditure.

25. During the year under review, the actual expenditure against the sanctioned grants aggregating Rs. 1,21,74,691 amounted to Rs. 1,12,81,871, leaving an unexpended balance of Rs. 8,92,820. Of the latter amount grants aggregating Rs. 6,61,178 require to be renewed, leaving a net saving of Rs. 2,31,642 which was principally effected under—

(1) General Superintendence,
(2) Gardens,
(3) Public Works Engineer's Department.
(4) New Works,
(5) Public Health Department.

26. As compared with the preceding year there were increases in expenditure under certain heads aggregating Rs. 6,27,740 and decreases amounting to Rs. 7,42,918 under others, thus resulting in a net decrease of Rs. 1,15,178. The reasons for the variations are given in para. 40 of the Chief Accountant's report. In paras. 37 and 39 of his report, the Chief Accountant has dealt with certain undesirable features of the results of the year viewed from a financial standpoint. It should be possible to estimate requirements with greater accuracy and to prosecute works with greater expedition and the points brought forward will receive the consideration which is called for in the interests of a sound financial policy. In para. 41 of his report, the Chief Accountant estimates the permanent increase in expenditure at Rs. 4,09,000 against the permanent increase in income at Rs. 3,00,000. In paras. 41 and 74, the Chief Accountant has dealt with the general financial position. It is one which, in my opinion, requires the closest and most careful attention. The limitations of our credit especially demand the consideration of the most useful and economical method in which it can be employed. It also indicates the necessity of looking with the greatest circumspection on all proposals for increased expenditure for the ordinary daily administration of the City.

IV.—Loan and Plague Expenditure.

27. The expenditure on Loan Works amounted to Rs. 25,08,991 against Rs. 21,85,806 in the preceding year, the increase principally being under Buildings and Sanitary Structures, Roads and Overbridges and Drainage. There was a large lapse on both the original and the revised estimates as pointed out by the Chief Accountant in para. 48 of his report. The necessity for more accurate estimating is evident and will receive my attention.

28. The expenditure on Plague measures during the year amounted to Rs. 1,87,234, showing a decrease of Rs. 13,681 on the expenditure of the previous year. So long as Plague continues it is difficult to reduce this amount very materially.

V.—Debt and Sinking Fund.

29. During the year the 2nd instalment of Rs. 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City was raised.

30. The payment made by the Municipality during the year towards the reduction of debt amounted to Rs. 1,20,058. The Capital Liabilities of the Corporation were increased on account of the raising of the above loan from Rs. 5,49,08,205 in 1909-10 to Rs. 5,62,88,147 during the year.

31. Against this debt, the total Sinking Fund invested up to the close of the year amounted to Rs. 1,04,68,216 which left the net debt liability of the Corporation at the close of the year at Rs. 4,58,19,931. From Appendix No. 7A, attached to the Chief Accountant's report, it will be seen that the aggregate total of the different Sinking Fund Investments on 31st March 1911 is in excess of the amount, which should have accumulated for the purpose for which the funds have been created by Rs. 5,676-13-11. The market value of the investments is also well in advance of the face values (*vide* para. 47 of the Chief Accountant's report).

VI.—Assets and Liabilities.

32. The Assets and Liabilities of the Municipality at the close of the year as compared with the preceding year stand as follows :—

	At the close of 1909-10.	At the close of 1910-11.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Assets	8,02,81,656	8,36,86,871	33,55,215	.....
Liabilities	5,77,22,417	5,90,66,678	13,44,261	.....
Excess of Assets over Liabilities.	2,26,09,239	2,46,20,193	20,10,954	.....

33. The distribution of the Assets and the reasons for the increase in Assets and Liabilities are given in paras. 50 and 51 of the Chief Accountant's report.

34. The total liabilities of the Municipality, after deducting the amount of Rs. 17,30,293, shown as book-value of the lands transferred to the Bombay Improvement Trust, which merely appears on the Liability side for book-keeping purposes, amount to Rs. 5,73,36,385, of which Rs. 5,62,88,147 represent Capital Debt, Rs. 7,42,064, contractors', and other Deposits and Rs. 3,06,173 undischarged liabilities and miscellaneous items.

35. During the year there was a large decrease in the balance of our current stores, which is dealt with in para. 71 of the Chief Accountant's report. There was a reduction in the balance of Surplus and Obsolete Stores from

Rs. 45,050 to Rs. 43,087. The steady advance made in reducing fictitious assets and maintaining balances at a low level is brought out in the Chief Accountant's report.

36. The Net Premia, Fire Insurance and Worn-out Water Mains Renewal Funds were all in a satisfactory condition at the close of the year, as will be seen on a reference to paras. 57, 58 and 59 of the Chief Accountant's report. The large balance in the Net Premia Fund is a matter for congratulation, as there will be no necessity now to draw on Revenue for any possible discount on loans in the near future.

37. The Water Works Income and Expenditure Account shows a surplus of Rs. 1,30,384 against Rs. 1,41,802 in the preceding year.

38. There was a small profit under Workshops of Rs. 126 during the year against a loss of Rs. 908 last year.

39. The subject of Street Improvement has been dealt with in para. 73 of the Chief Accountant's report. The question has been engaging my attention, and definite proposals have now been made by me in order to prevent further increase in the burden of liability in this regard.

40. The surplus to the credit of the Fire Tax amounted at the close of the year to Rs. 87,941 (*vide* para. 77 of the Chief Accountant's report).

41. The subject of Test-audit and Special Work has been dealt with by the Chief Accountant in paras. 75 and 76 of his report.

42. As required by the Standing Committee's Resolution No. 12212, dated 3rd February 1892, the net Revenue and net Expenditure for 1910-11 and the preceding year are given in the following statement :—

Particulars.	1909-10.			1910-11.		
Net revenue after deducting Refunds, Drawbacks and Charges in respect of Assessment and Collection and granting of Refunds.	Rs.	a.	p.	Rs.	a.	p.
General Tax	36,98,218	5	4	42,50,171	14	3
Fire Tax	.....			34,783	11	0
Wheel Tax and Tolls	4,95,133	3	7	4,66,316	1	4
Town Duties	13,04,576	0	7	15,54,050	12	7
Receipts from Government for Liquor Licenses and Tobacco Duty	4,24,363	13	4	4,03,657	6	7
Water Revenue (net)	1,41,801	9	11	1,30,384	5	4
Market Receipts	2,72,937	0	7	3,15,098	13	9
Returns from other Property and Miscellaneous	2,92,930	14	4	4,54,706	8	7
Net Receipts ... Rs.	66,29,960	15	8	76,09,169	9	5
Deficit	1,83,186	2	2	.....		
Rs.	68,13,147	1	10	76,09,169	9	5
Net Expenditure after deducting Receipts.						
General Superintendence	2,69,708	7	11	2,52,777	1	10
Fire Brigade	333	5	10	.....		
Public Gardens	85,675	10	1	79,067	13	10
Public Works (Engineer's Department excluding Water Works)	18,17,513	1	8	18,50,305	0	3
New Works (excluding Water Works)	1,31,296	11	4	1,52,322	9	3
Public Health Department (excluding Markets)	8,34,735	2	6	5,48,016	13	7
Municipal Debt (excluding Water Works)	15,28,955	12	1	16,95,295	5	5
Education	2,91,528	8	8	4,17,124	5	5
Hospitals	3,52,579	0	7	4,64,416	5	8
Pensions, Gratuities and Compassionate allowances	9,424	4	6	46,298	15	10
Miscellaneous	4,00,482	0	3	1,67,003	8	1
Contribution to the City Improvement Trust	7,80,000	0	0	8,35,000	0	0
Plague Expenses	2,00,915	0	5	1,87,234	5	11
Net Expenditure ... Rs.	68,13,147	1	10	66,94,892	5	1
Surplus	.....			9,14,277	4	4
Total ... Rs.	68,13,147	1	10	76,09,169	9	5

43. The Revenue, Expenditure and Balances of the last five years have been contrasted in the following table :—

	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	(a) 96,48,501	(d) 98,89,325	(h) 1,02,86,048	(k) 1,12,13,864	(n) 1,21,96,149
Expenditure	(b) 95,20,790	(e) 1,01,89,201	(i) 1,05,30,126	(l) 1,13,97,050	1,12,81,872
Closing balance (including recoverable advances to Loan Works, Reserve Stock, &c., and excluding Minor Deposits, &c.) ...	(c) 36,08,457	(f) 33,08,581	(j) 30,38,590	(m) 28,55,404	(o) 36,58,663
Add—Recoverable Revenue Outstanding ...	1,16,973	81,554	1,17,761	1,01,232	1,05,400
	37,25,430	33,90,135	31,56,351	29,56,636	37,64,063
Deduct—Uncompleted Works, &c., and unexpended balances of the grants which were required for payment in the following year ...	6,66,884	(g) 8,03,239	7,12,338	5,67,953	6,61,178
Net Workable Balance available for requirements of the following year	(c) 30,59,346	(f) 25,86,896	(j) 24,44,013	(m) 23,88,683	(o) 31,02,885

(a) Includes large increases in Property Taxes and an abnormally large revenue from Town Duties.

(b) Includes contribution paid to the City Improvement Trust.

(c) Excluding Rs. 6,92,030 on account of the value of Reserve Stock on hand on 31st March 1907, the net closing balances amounted to Rs 29,16,427 and Rs. 23,87,316, respectively.

(d) Although the General Tax and Water Tax were reduced from 8¾ per cent. and 4 per cent. to 8 per cent. and 3¾ per cent. respectively during the year, the Income shows an increase.

(e) Includes non-recurring factors, such as the purchase of Petrol Motor Engine and Tender, repairs to Bhandarwada Reservoir, arrears of rent due to Government for land at Patton Road, arrears of Police charges due to Government, Grain Compensation and Loss on sale of unserviceable stores.

(f) Excluding Rs. 6,96,915 on account of the value of Reserve Stock on hand on 31st March 1908, the net closing balances amounted to Rs. 26,12,666 and Rs. 18,20,881, respectively.

(g) Includes the large amount required to be renewed for New Works not taken in hand or under construction during the year.

(h) Includes large increases in Property Taxes and Miscellaneous Receipts.

(i) Includes large increases principally under Public Works, New Works, Health Department, Contribution to the City Improvement Trust and Debt.

(j) Excluding Rs. 7,25,152 on account of the value of Reserve Stock on hand on 31st March 1909, the net closing balances amounted to Rs. 25,13,438 and Rs. 17,18,861, respectively.

(k) In this year the General Tax was raised from 8 to 9½ per cent. There was also an increase in the Town Duties.

(l) Includes large increases principally under General Superintendence, Public Gardens, New Works, Contribution to the City Improvement Trust, Education, Miscellaneous and Debt.

(m) Excluding Rs. 6,58,864 on account of the value of Reserve Stock on hand on 31st March 1910, the net closing balances amounted to Rs. 21,96,540 and Rs. 17,29,819, respectively.

(n) In this year the General Tax was raised from 9½ per cent. and Fire Tax from ½ per cent. to 10⅛ per cent. and ¼ per cent. respectively. The Town Duty on grain also was increased from 4 annas to 6 annas and the maximum duty on firewood of 2 annas per Khandy imposed.

(o) Excluding Rs 5,69,340 on account of the value of Reserve Stock on hand on 31st March 1911, the net closing balances amounted to Rs. 31,33,323 and Rs. 25,93,543, respectively.

IV.—Assessment and Collection of Revenue.

44. The total amount collected under all heads, exclusive of miscellaneous receipts and toll fees, was Rs. 80,67,369 against Rs. 73,66,179 collected in 1909-10, an increase of Rs. 7,01,190, which was partly due to the increase in the General Tax, including Fire Tax, from 9½ per cent. to 10⅛ per cent. and partly to a rise in the total rateable value. The final gross assessment was Rs. 5,20,51,478 against Rs. 4,94,44,987. This was assessed on 59,928 properties against 59,889properties in the previous year. The assessment for General Tax was Rs. 4,46,21,845 against Rs. 4,23,43,116 for the previous year, giving an increase of Rs. 22,78,729. The number of buildings newly erected, demolished and enlarged was 952, 579 and 352, respectively. Complaints against assessment

were 3,978 against 5,013 in the previous year. The demand for the water rate was Rs. 19,46,175 against Rs. 19,57,485, showing a decrease of Rs. 11,310, this being due to the reduction in rates for water by measurement to Railways and Port Trust and to a reduction of $\frac{1}{8}$ in the rate on valuation.

45. The demand for Halalkhore service was Rs. 12.52,700 against Rs. 12.02.386, an increase of Rs. 50.314. In all the total demand of property taxes was Rs. 79.70.361. From this sum Rs. 47,089 were allowed as $\frac{1}{5}$th drawback of the General Tax, the result of 8,408 claims. The outstanding on the 31st March 1911 was Rs. 4,212 on account of former years and Rs. 1.09,359 for the year under report, making a total outstanding of Rs. 1,13.571.

46. The Tax on vehicles and animals showed a decrease, the demand being Rs. 2,08,845 against Rs. 2,10,718 in the previous year. Out of the total demand, including previous years' arrears of Rs. 2,11.637, Rs. 1.767 were outstanding at the end of the year. 473 motor cars, 602 bicycles, including 11 motor cycles and 8 tricycles were assessed to the tax.

47. The miscellaneous receipts amounted to Rs. 34,099 against Rs. 33,598, while the receipts from the toll rights at the Mahim and Sion Causeways amounted to Rs. 20.500 against Rs. 20,066 in the previous year.

48. There were 7 appeals to the Chief Judge of the Small Causes Court, of which 4 were settled out of Court and withdrawn by the appellants, 1 was dismissed with costs and 2 were pending at the end of the year. The work of the department, which is very heavy, was satisfactorily performed and the small total of outstandings was creditable to the staff.

Revenue Audit.

49. The books and balances of the Ward Clerks in the seven Ward Offices were duly examined at the end of each quarter, and the bills were checked in detail after comparison with the Head Office accounts. The Assessment books in the Head Office were also examined to ascertain that no property liable to taxation had escaped assessment. The Vehicle and Animal Tax book maintained under Section 186 of the Municipal Act was examined and checked. The revenue from the tax on Public Land Conveyances licensed by the Commissioner of Police under Act VI of 1863 was audited and certificates of issue of licenses supplied by that Officer checked with the Register kept in the Chief Accountant's Office. The books of the Toll Farmers at Sion and Mahim Causeways were checked, as were the revenue receipts and vouchers of the different departments. The number of claims to 1/5th drawback under Section 158 (2) of the Municipal Act scrutinized aggregated 8,472, of which 3,368 were admitted. The number of complaints against valuations under Section 163 of the Municipal Act heard by the Revenue and Refund Audit Officer aggregated 1,273. The number of decisions on complaints against amendments under Section 167 of the Act scrutinized amounted to 526. The number of claims sanctioned for refund on account of vacancy under Sections 174 to 179 of the Act and on account of over-collections aggregated 3,058, representing Rs. 64,485-3-0.

Town Duties.

50. The total collections for the year amounted to Rs. 34,49,545-8-0 against Rs. 29,29,530-10-8 for the previous year, while the amount refunded was Rs. 18,57,376-1-0, the net revenue being thus Rs. 15,92,169-7-0 against Rs. 13,63,119-6-8 in the past year. The proportion of the amount refunded to the total originally collected was thus nearly 54 per cent., almost exactly the same as in the previous year.

51. The increase was due principally to the enhancement of the rates on grain from 4 to 6 annas and on flour from 3 to 4½ annas per khandy, and the re-imposition of the duty of 2 annas per khandy on firewood ; but there was

also a slight general increase. The imports of sugar were heavier even than the unusually large amount in the previous year, but the percentage of refunds rose from 73 to 75, so that the net surplus only rose by Rs. 7,921. The number of refund claims increased from 48,254 to 55,161.

52. During the year the town duty rules were revised and arrangements made for the Municipal marking of sugar. These have not, however, yet been brought into force.

53. The work of the Revenue and Refund Audit Department, which was well administered, continued very heavy during the year.

V.—Public Works.

DRAINAGE.

54. The engines and pumps at the Love Grove Pumping Station worked fairly satisfactorily during the year, and the trouble previously experienced from the presence of Kerosine oil in the sewage has almost ceased. This must be due to the completion by the Port Trust of the new pipe line from the old Pier at Modi Bunder to the Sewree Bulk Oil Installation to replace the old line, which was subject to heavy leakage.

55. The machinery at the Colaba Air Compressor Station and the Ejector Stations served from it worked satisfactorily during the year. At this station out of the three steam-driven Air-Compressor Engines two are being worked by electricity since June and July 1910 respectively, and upto the close of the year, there was no occasion for the use of the third steam-driven engine. This change has effected a great improvement in the neighbourhood and there is now no cause for complaint on account of smoke or coal dust.

56. The machinery at the Love Grove Air-Compressor Station and the several Ejector Stations in the Parel, Chinchpogli, Agripada, Malabar Hill and Mazagaon Districts also worked satisfactorily during the year. Satisfactory progress has been made with the work of constructing the new Dredging and Screening Chambers and Engine House at Love Grove. The great work of providing for the Drainage of the High Lands was begun by the construction of the Storm-Water Drain from Reay Road to Lakri Bunder.

57. The details of several Sewerage and Drainage works etc., carried out during the year are given in the Engineer's report. The work of House Drainage street connections went steadily on, 338 connections being made during the year. As observed by the Deputy Executive Engineer, this work must continue with the extension of the Sewerage system, and the conversion of basket privies to the water system.

WATER WORKS.

58. *Tansa Lake.*—The rainfall was 97·20 inches against 102·19 inches in 1909. From the commencement to the end of the monsoon 73,994 million gallons of rain fell on the catchment area of 33,600 acres. Out of this quantity 33,775 million gallons or about 46 per cent. of the total rainfall was received in the lake. The lake overflowed from 30th July to 3rd September and from 27th September to 1st October. The total quantity of water that passed over the waste weir was about 22,702 million gallons, or about 67 per cent. of the quantity received in the Lake. The quantity of water delivered into the duct at the Lake was about 7,708 million gallons, of which 6,165 million gallons were received in the City, the balance 1,543 million gallons being lost by leakage, evaporation and overflow from siphon heads along the line. The purity of the water in the Lake was satisfactorily maintained and there were no bursts or interruptions in the supply during the year.

59. *Vehar Lake.*—The rainfall was 77·50 inches against 114·26 inches in 1909. The total rainfall on the catchment area of 3,900 acres amounted to 6,848 million gallons, and it is estimated that about 4,612 million gallons or 67 per cent. of this quantity was received in the Lake. In addition to this about 115 million gallons were received from the overflow from Tulsi. The Lake did not overflow. The total quantity of water received in the City from the Lake through 32″ and 24″ mains was 3,823 million gallons, giving an average of 10½ million gallons per day. There were three bursts on the 32″ Vehar Main during the year. All the bursts were due chiefly to the old and corroded condition of the pipes which are now being replaced. The purity of water in the Lake was maintained throughout the year.

60. *Tulsi Lake.*—The rainfall was 84·36 inches against 127·21 inches in 1909. The total rainfall on the catchment area of 1,700 acres amounted to 3,186 million gallons, and it is estimated that about 2,156 million gallons or 68 per cent. of this quantity was received in the Lake. The Lake overflowed from the 1st to the 6th October, during which time 150 million gallons passed over the waste weir. The total quantity of water received in the City was 1,312 million gallons, or an average of 3½ million gallons per day. There were no bursts, accidents or interruptions in the supply throughout the year.

61. The water-proofing works at the Bhandarwada Reservoir, which were commenced on the 26th March 1907 are nearing completion. These works have caused a marked improvement in the locality. All streams and springs round the foot of the hill have now dried up, showing that there is now practically no leakage from the Reservoir. Similar works will shortly be taken at Malabar Hill.

62. Seventy-six bursts were detected during the year against 117 during the past year, a satisfactory decrease.

63. The number of new connections made was 707 and total number of connections standing at the end of the year was 22,910. The number of cases in which the sanction of the Standing Committee was obtained for disconnections aggregated 256, but in 54 cases only the disconnections were enforced, the parties having complied with the Municipal requirements in the remaining cases. On the whole, the most was made of the water-supply during the year, and complaints were comparatively few. The substitution of larger mains for the old and insufficient pipes supplying many localities is being steadily made. With the increasing demand for water, however, and the dangerously small margin for effective use from Vehar, it is clear that the duplication of the Tansa supply cannot be longer postponed.

WATER WORKS.—SPECIAL BRANCH.

64. 777 underground and 5,269 above ground defects were detected and remedied. Some of these defects were of a very extensive nature.

REGULATIONS OF STREETS AND BUILDINGS.

65. The number of applications for permission either to build or to rebuild houses, etc., aggregated 3,227 against 3,198 during the past year. 6,329 notices were issued on house-owners under various Sections of the Municipal Act. This number exceeds the previous year's total by 1,413. In 1,664 cases, prosecutions were instituted in the Magistrates' Courts against house-owners for not complying with the terms of notices served upon them. Out of these in 947 cases the parties complied with the Municipal requirements before the service of summonses, and the cases against them were therefore withdrawn, and in 196 cases the parties were warned and discharged; in 436 cases they were convicted and fined and 85 cases were pending at the close of the year.

The number of notices served shows the increased activity of the Department. Yet again, however, the tendency of the Magistrates either to inflict nominal penalties, or to discharge without penalty, when the offence has been proved, must be noticed with regret. The Department has no desire to waste its own time, or to cause irritation by numerous prosecutions. But when a case is brought and proved, the punishment should be such as would be deterrent to others. At present it pays a house-owner to disregard Municipal requirements, and to run the risk of detection which involves no serious punishment. The subject is receiving attention. 417 notices were issued for the removal of unsafe, dangerous or ruinous buildings ; 353 of these were complied with either partly or wholly and in 8 cases structures were removed by the Municipality, and 56 cases were pending at the close of the year. Twelve buildings or parts of buildings fell down before they were observed by the Building Department; in 10 cases no injury was done and in the remaining 2 cases one person was killed and two were injured. Action was taken for the removal of 698 inflammable and insanitary huts ; of these 518 were removed and 180 cases were pending at the close of the year. Para. 188 of the Executive Engineer's report gives details of the number of cases submitted to the Standing Committee for the removal of unauthorized works. 7,732·25 square yards of ground costing Rs. 2,66,643-14-0 was added to streets. This represents the largest area added in the last five years, but the setbacks enforced and paid for were the fewest in the same period. An effort is being made to restrict the enforcement of setbacks to the more important streets but this is very difficult in practice. The sum spent was less than the previous year's figure of Rs. 3,40,587, but is still greater than the Corporation can really afford to spend.

ROADS.

66. The area of roads metalled (full metalling and full patching) during the year was 4,551,871 square feet at a cost of Rs. 2,48,350-6-9, rates for full metalling and full patching working out at 11·23 and 8·04 pies per square foot respectively. The operations of the Bombay Electric Supply and Tramways Co., Ltd., Gas Co., Telephone Co., Water and Drainage Departments, etc., caused nearly 26 miles of road surface, out of a total of about 162 miles of roads in the City, to be disturbed.

67. The work of tar grouting and tar painting some important roads in the Fort was carried on at a cost of Rs. 13,523-3-0, the area of tar grouting being 39,050 square feet and of tar painting being 4,36,463 square feet. As pointed out by the Executive Engineer, tar macadam is probably the system most likely to succeed in Bombay, but the great success of tar painting in Queen's Road, where the traffic, though fast, is light, must be noted. Although complaints about dust continue numerous, this is probably due to faster traffic rather than to any other cause. Watering is certainly more effectual than before, owing to the increase in hydrants, but the times of watering are too dependent on the hours of pressure in the mains. Storage tanks for tar are being proposed to the Corporation, and the Engineer's proposals for machinery for screening road material will be noted.

68. Nine street refuges combined with gas lamps were put up at the junction of Queen's Road, Church Gate Street and Marine Lines, at the junction of Cruickshank Road and Esplanade Road, at the junction of Sandhurst Road and Girgaum Road, and at the junction of Queen's Road and Mathew Road.

69. No new tram rails or extensions were laid during the year, and tram tracks were fairly well maintained. Three sidings, measuring 231 feet in length, were provided on the West side of the Bhattia Baug and a large refuge connected therewith was constructed between the sidings and Hornby Road. These sidings, and the slight diversion of the main track, have greatly relieved the congestion of traffic at this point.

OVERBRIDGES.

70. Good progress was made with the construction of overbridges during the year, and the energy with which the work was pushed on by the Engineer-in-charge, G. I. P. Railway, must be acknowledged.

71. The construction of the Arthur Road Bridge was almost completed. The Elphinstone Road Bridge made good progress, although it was not possible to complete within the year the New Ejector Station on the West side of the Bridge, which is necessary for the complete diversion of the sewers. On the East side the work was delayed by the suits laid in the High Court against the Municipality regarding the acquisition of land, but the work is now going on uninterruptedly.

72. All the properties for the Clerk Road and Currey Road Overbridges, G. I. P. Railway, have been acquired. The West approach of the Clerk Road Overbridge was almost completed and the East approach was in progress at the close of the year.

73. The overbridges on the B. B. & C. I. Railway have not made such good progress, but the land required for the Clerk Road Overbridge has been practically all acquired, and estimates for the DeLisle Road bridge are under preparation.

74. Proposals for the overbridge at Dadar Station are being prepared. The certified expenditure for overbridges at the close of the year amounted to Rs. 7,79,809-4-4.

PUBLIC LIGHTING.

75. The total number of gas lamps at the end of the year was 5,105, an increase of 321 over the previous year, and the total number of Kerosine oil lamps was 1,848, an increase of 19. The total cost of gas lighting amounted to Rs. 3,20,770-8-9, an increase of Rs. 23,790-0-7, and the net cost of Kerosine oil Street lighting amounted to Rs. 43,344-15-6, a decrease of Rs. 1,270-2-10, the oil used being 150° Snow Flake Brand, 125° Bulk Oil and 125° Rising Sun Brand, the latter only being burnt for the last six months of the year. Simla Pattern burners have now been generally introduced in the Kerosine oil lamps.

MUNICIPAL WORKSHOPS.

76. The Municipal Workshops kept in repairs numerous articles of plant and machinery used by different departments, and a large number of new articles were prepared there. The work of this department is becoming more arduous and important every year, as Mechanical transport is being more largely adopted in the various departments of the Municipality, and the pumping and other drainage machinery at Love Grove and elsewhere is becoming more complicated and important every year. It is satisfactory to find the department so efficient, and to note that there was an estimated balance in favour of the Workshops of Rs. 1,754-1-8 on the year's working. It will shortly be necessary to move the workshops to Foras Road and the necessary preparations are being made.

77. The Motor Meat Van was withdrawn from service from the 14th September 1910, as it was found to be unfit for further use. The steam tractor worked for 246 days during the year, and on account of the failure of the axle ceased working since 4th March 1911. The former has served its time satisfactorily on the whole, but the latter has given constant trouble on account of axle failure, and it is inadvisable to renew the axle again. The question of converting the engine into a small steam-roller to work at a lower speed is under consideration. Bullock traction must therefore be relied upon for the meat traffic, until it is possible to move the slaughter-houses so as to bring in the meat by rail.

WORKS IN CONNECTION WITH PLAGUE MEASURES.

78. The sanitary, water and lighting arrangements at Health Camps erected by private parties and by the Municipality, were, as in former years, provided at Municipal expense.

GENERAL STORES DEPARTMENT.

79. The following figures show the value of stores purchased and issued during the year, including transfers and the balance in hand at the commencement of the year :—

Particulars.	General Stores.	Surplus and Obsolete Stores.	Line Suspense Account.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores in hand on 1st April 1910 ...	4,61,821 8 0	45,050 8 5	1,20,987 3 5
Value of stores purchased or added including transfers during 1910-11	5,25,874 1 4	271 15 9	328 6 7
Total Value Rs. ...	9,87,695 9 4	45,322 8 2	1,21,315 10 0
Value of Stores issued, including transfers and *adjustments*	6,41,540 14 9	2,235 12 2	2,583 12 11
Balance in hand on the 31st March 1911 ...	Rs 3,46,154 10 7	43,086 12 0	1,18,731 13 1

80. Details of the contracts entered into by the Stores Department for the purchase of different articles will be found in the Storekeeper's report.

81. Sufficient space has now been provided for the office establishment and there will be no reason why a sample room should not be properly maintained in future. There was still too much delay in calling for tenders and obtaining the required goods.

82. The amalgamation of the Pipes Depôt with the Central Stores Depôt would not only improve administration, but would reduce the risk of fire to the latter from the private ground outside the depôt.

FIRE BRIGADE.

83. The Fire Brigade was maintained in a state of thorough efficiency throughout the year, which was a most successful one from the point of view of Fire protection.

84. There were 123 calls to fires, out of which 6 were false alarms. In 71 cases the services of the Fire Brigade were utilized in extinguishing the fires and in 46 cases the fires were extinguished before the arrival of the Brigade. The only occasion on which loss of life was caused by fire was on the 15th July 1910, when a fire occurred in a six-storied building in DeSouza Street, Mandvi. The ground-floor of this building was used for the storage of waste paper and the upper floors for residential purposes. The Fire Brigade were not summoned until the whole of this building was enveloped in flames and the upper floor of a large six-storied building and a ground-floor building on either side on fire. Eight persons were burnt to death, while two were killed on the spot and one died from injuries received from jumping from the burning building—a death roll of eleven. No blame attached to the Fire Brigade who responded promptly to the call made upon them.

85. On the 12th October 1910, an explosion of fireworks occurred at 2nd Cooper Street, whereby four persons, three of whom were children, received injuries to which they succumbed.

86. Several members of the Fire Brigade received injuries at fires, which proved serious only in the case of a foreman, who died in Hospital, from the effects of injuries received at a fire at Musjid Bunder Road on the 7th February. This was a fire in a crowded locality, the spread of which was prevented by very good work on the part of the Brigade.

87. The Fire Brigade van located at the Byculla Fire Brigade Station, carrying implements for the rescue of persons from the debris of fallen Buildings, was called into requisition on three occasions during the year; eleven persons were recovered from the debris of whom three were dead when extricated. The remainder recovered after treatment in Hospital.

88. The work of reconstructing the Bhuleshwar Fire Brigade Station was completed and the Station opened in January last and a Motor Steam Fire Engine, a 75-foot Fire Escape, Hose Reel, Hand Fire Extinguishers, with the necessary staff have been located there. The construction of the Elphinstone Bridge Station was retarded, owing to delay in the sanctioning of the loan in which its cost was included, but it has now been taken in hand, and its equipment has been received. The provision of a new site for the Fort Station is under consideration. During the year the system of communication by telephone has been greatly improved. A Central Switch Board has been located at the Byculla Fire Brigade Station to which all Fire Stations are separately attached, while direct connections have been made with the Water Works Department. The question of Street Fire Alarms, which might prevent such delays in summoning the Brigade as occurred in the DeSouza Street Fire, has been under inquiry during the year, and it is hoped that a system will be approved by the Corporation in the present year. The estimated damage to property through fire aggregated Rs. 5,76,742 against Rs. 15,05,557 during the preceding year. This is the lowest figure for the last ten years, and is an extraordinarily small sum for a City of the size of Bombay, with its many inflammable buildings and dangerously stored articles. Although annual losses must rise and fall, the small total in the present year, notwithstanding that the total number of Fires was 21 in excess of the average, indicates a high state of efficiency. The water-supply at fires gave no cause for complaint, and the Water Works staff co-operated efficiently with the Brigade. As this is the last year in which the Chief Officer, Mr. Nichells, will have had control of the Brigade, he must be congratulated on the highly successful record of the last year of his long and useful service.

PUBLIC GARDENS.

89. The number of Public Gardens maintained during the year was the same as in the past year; a part of the Bazar Gate Garden had to be utilized for the re-arrangement of the Tram lines in its vicinity.

90. The number of visitors at the Victoria Gardens was 1,618,724 against 1,951,917 in the preceding year. The decrease in the number of visitors was in part due to the exodus of mill hands, owing to the closing of some of the mills, a visit to the gardens being an ordinary means of recreation to this class and partly to a smaller number of Band performances. These have been fewer, partly because of the institution of free band performances at the Esplanade Band Stand, and partly owing to the Tramway Company no longer paying for extra performances. Probably also the performances have lost the charm of novelty for the lower classes of visitors, to whom the music provided does not appeal. The experiment was tried of reserving one day a fortnight for admission by payment of the small amount of 2 annas. Although the day selected, Wednesday, is not a suitable one for busy people, the experiment has

allowed of a respectable class of people visiting the gardens in comfort and comparative privacy, and has been successful enough to be continued. The Band performances at the Esplanade Band Stand continue to be very popular among the better class of inhabitants. The animals in the Garden have been kept in good condition, and the mortality has not been, on the whole, heavy, though the outbreak of anthrax was regrettable. Of the larger dangerous animals, only the lions and tigers are properly housed, and the donation of similar enclosures for the panthers and other animals would be very acceptable.

91. Some additional plants were obtained by the Superintendent from other gardens when on leave last year, but there is not much to record in this direction. The difficulty of obtaining and retaining malis militates against the condition of the gardens, and efforts must be made to put the supply on a more satisfactory footing.

92. The Northbrook Garden and the Sir Cowasji Jehangir Garden at Mahim were utilized as Health Camps as in previous years.

VICTORIA AND ALBERT MUSEUM.

93. The Museum was open to the public during 312 days of the year. The total number of visitors was 761,722 against 938,951 during 1909-10 giving a daily average attendance of 2,442 against a daily average of 3,078 for the previous year. The falling off from the previous year may have been to some extent due to the very large number of pilgrims passing through Bombay in the previous year, most of whom visited the Museum. The decrease is however difficult to account for, as the Museum appears to be constantly freely visited, and its contents are certainly far more attractively arranged than was previously the case. Special attention has been paid by the present Curator to the attractive and accurate presentation of Natural History groups. He has also added to the collection of photographs and prints of the City as it was in the past, and this is especially commendable as, in view of the Prince of Wales Museum for general interest, which is in course of erection, it is desirable that this Museum should be made especially a City Museum preserving records and relics of local interest. Good work was done in the past year in the arrangement and labelling of Geological and Fossil exhibits, and thanks are especially due to Mr. F. H. Stone of the P. & O. Company on account of his gifts in this department.

VI.—Public Health.

94. The total mortality for the year exclusive of still-born births was 34,933 against 34,878 for the previous year. Although the mortality was slightly higher, this may be attributed to an increased population, and the decrease in the number of deaths in the three great diseases of Plague, Cholera and Phthisis shows that the health conditions of the City were considerably more satisfactory. The number of deaths from Plague was 3,656 against 5,197 in 1909 and were much the fewest since plague arrived in Bombay. Cholera caused 620 and Phthisis 133 fewer deaths than in the preceding year. With the exception of the mortality for 1909, the mortality for 1910 is the lowest on record since the appearance of Plague. The mortality from Small-pox, Measles, Fevers, Diarrhœa and Dysentery and Diseases of the Respiratory system was higher than in the past year. The Executive Health Officer's report gives full details of the working of the Health Department and the measures adopted to combat the epidemics of Plague and Small-pox, including the efforts to carry out vaccination amongst the Hajis, while steps, which were necessarily incomplete and palliative, were taken to check the prevalence of malaria. So far, however, no substantial success has been obtained against the latter, and much more general and applied action must be taken by the Corporation before any reduction in its prevalence can be expected.

95. The number of births registered during the year was 19,939 against 19,839 in the preceding year.

96. The ten Municipal Dispensaries have continued to show satisfactory results and the ten Municipal nurses and midwives, attached to the ten Registration Districts, were fully occupied in attending on confinements, verifying births and in advising mothers on the care and rearing of infants. It is satisfactory to note the Executive Health Officer's opinion of the usefulness of their work.

LICENSES.

97. The total amount collected on account of License Fees aggregated Rs. 87,806-8-0 against Rs. 85,371 collected during the preceding year. The number of Licenses issued was 7,540.

98. The new Amended Act will facilitate, while increasing, the work of the Department considerably. The stables of milch cattle, bullocks and horses continue to give much trouble. One milch cattle stable was closed during the year at Arthur Road and two others are under action for closing. Until, however, new byelaws, which are now under consideration, are brought into force, it will be difficult to regulate these stables ; and even then it will be difficult to arrive at the exact amount of sanitation enforceable without rendering the stables unprofitable. The number of prosecutions instituted during the year was 2,307 and the fines imposed amounted to Rs. 3,965. This is sufficient proof of the entire inadequacy of the fines inflicted by the Magistrates when it is remembered that prosecutions are only instituted after repeated warnings. Mr. Michael at the end of the year gave over charge of this department in which he has done much good work.

MARKETS.

99. The total revenue from Markets and Slaughter-Houses amounted to Rs. 4,88,606-14-5 against Rs. 4,67,972-14-0 in the previous year, showing a net increase of Rs. 20,634-0-5 derived from different sources as given below :—

Stall rents.	Rs.	7,194	15	9
Squatters fees from Fish Markets and Scale fees in the Crawford Markets Compound from Contractors ...	„	5,713	4	0
Squatters fees collected Departmentally	„	1,192	11	6
Slaughter fees, Butchers' license fees, etc.	„	7,121	14	2
Total ...	Rs.	21,222	13	5
Less—Decrease in the revenue from other sources ...	Rs.	588	13	0
Net Increase ...	Rs.	20,634	0	5

100. The increase in the stall rents is due to some of the stalls having fetched higher rents when sold by auction and to the occupation of some vacant stalls. The number of stalls vacant is still unduly large in the Fort and Erskine Road Markets. The increase in the squatters fees, etc., from the contractors and squatters fees collected departmentally is due to higher offers received for some of the Markets and to a certain number of the unauthorized squatters having been brought under control by being allowed to occupy places under the eaves of the markets. The increase of Rs. 7,121-14-2 in the amount of slaughter fees, etc., is due chiefly to an increase in the number of animals slaughtered. The number of horned cattle other than buffaloes decreased from 44,322 to 40,544, but the increase in the number of buffaloes slaughtered from 4,341 to 5,130 more than made up for this, in the way of fees. The heavy fee of Rs. 10 per buffalo is readily paid, and even more would be slaughtered if permission were given. The number of sheep and goats killed rose from 655,003 to 660,545, this small fluctuation not calling for remarks. The net increase of slaughtering fees was Rs. 3,876. In addition there were increases in outside slaughtering fees, in the rent of chawls at the slaughter-houses and in the amount received from the sale of blood. The percentage of horned cattle rejected at Bandora was about 4 per cent. as in the previous year,

while that of sheep was only about 2·3 against nearly 4 per cent. in the previous year. The examination is however unsatisfactory and insufficient, and steps are being taken to strengthen the system. As in previous years, buffaloes have hardly ever to be rejected.

101. The fines inflicted by the Presidency Magistrates amounted to Rs. 2,019 against Rs. 665 in the previous year, and were entirely on account of meat improperly brought into Bombay. The quantity of such meat seized and destroyed was 94,557 lbs. against 70,796½ lbs. in the previous year; while 40 convictions were obtained against 19 in the previous year. This shows improved work by the staff, but the system is still very unsatisfactory. Only a small proportion of the meat imported is detected, very few of the importers detected are convicted and the fines inflicted by the Magistrates are still so inadequate as to be absolutely undeterrent. Steps have been taken to get greater power of seizure and arrest granted. The total quantity of unwholesome food, particularly meat and fish, destroyed as unfit for human consumption was less than the last year, being 205,277 lbs. against 241,774 lbs.

102. The quality of meat brought to the Markets during the year was fairly good, while the vegetable and fruit supply was good and upto the usual standard.

103. Mr. Douglas Bennett retired at the end of the year after 18 years' service in the post of Superintendent. Government were pleased to reward him with a gold watch on account of his services to the public during times of famine and riots. Great improvements, especially in the way of cleanliness, are necessary in the markets, and steps are being taken to have these carried out.

VII.—Educational.

104. The numbers of Municipal Schools and of pupils attending them showed a satisfactory increase, rising from 114 schools with 11,559 pupils to 127 schools with 13,255 pupils. Fourteen new schools were opened as follows :—

5	Marathi.
5	Gujarati.
4	Urdu.
14	

Of these 1 Gujarati school opened at Thakurdwar had to be closed for want of attendance. The net increase therefore was 13 schools. The expenditure rose from Rs. 2,88,202-3-6 to Rs. 3,30,890-13-0. The increase of Rs. 42,688-9-6 was mainly on account of new schools and increases of pay amounting to about Rs. 20,000 given to Teachers. The year closed with a balance of Rs. 46,169. The total cost per pupil rose from Rs. 21·9 to Rs. 22·2. The Committee have continued their efforts to add to the number of trained teachers and to provide suitable quarters for schools. Two Municipal Buildings providing excellent accommodation are almost completed and will be shortly handed over to the Committee. The number of aided schools decreased from 113 to 112, but there was an increase in the number of pupils from 11,455 to 11,661. Five new schools were registered under the Grant-in-aid Code during the year; while 6 schools were removed from the list being either closed, amalgamated or not in want of any aid. The total grant paid to these schools increased from Rs. 34,098 to Rs. 36,053. There was a rise in the number of pupils from every community attending the schools.

MUNICIPAL SERVANTS' ACT.

105. No circumstances arose in any department of the Municipality in which it was necessary to put into operation the provisions of the Municipal Servants' Act.

P. R. CADELL,
Municipal Commissioner
for the City of Bombay.

CHIEF ACCOUNTANT'S REPORT.

FOR 1910-11.

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FINANCIAL.

REPORT of Mr. W. E. Waite, Chief Accountant, for the financial year 1910-11 as forwarded with his No. 3674 of 29th July 1911.

I have the honour to offer the following remarks on the financial transactions of this Municipality for the year 1910-11.

2. The documents necessary for the preparation of my report were, with a few exceptions, I am glad to be able to state, sent in time during the current year.

GENERAL RESULTS.

3. In consequence of the depleted condition of the Surplus Cash Balances it was considered advisable as a precautionary measure to provide during the year for two exceptional items of expenditure, *viz.*, grain compensation and discount on loans to be raised, involving an anticipated additional outlay of 2½ lakhs.

Increased expenditure having also been estimated to be generally required, more especially in connection with the Fire Brigade, Debt Charges, Education and Contribution to the City Improvement Trust, it was thought imperative to further raise taxation during the year. The General Tax was accordingly levied at 10½ per cent. and the Fire Tax at ½ per cent. on rateable value, against a "General Tax" rate of 9½ per cent. and a Fire rate of ⅜ per cent. prevailing in 1909-10. This was to a small extent counterbalanced by a reduction in the Water Tax on valuation from 3½ per cent. to 3½ per cent. The Railway and Port Trust were also charged for water by meter measurement at the reduced rate of 6½ annas per 1,000 gallons instead of 9 annas per 1,000 gallons prevailing in 1909-10. In consequence of the large anticipated increase in expenditure the Town Duty on grain was also increased from 4 annas to the maximum of 6 annas and the maximum duty on firewood of 2 annas per khandi was imposed.

With such additions to the taxation it was thought that the Income and Expenditure of the year would just balance each other. The actual results, however, show that the Income exceeded the Expenditure by Rs. 9,14,277.

Seeing that an increase of 1 per cent. in the General Rate was estimated to yield Rs. 4,32,000 and that the extra 2 annas on grain and wood were supposed to bring in Rs. 1,50,000 and Rs. 80,000 respectively, it might be urged that such results indicate that the extra taxation proposed for the year was premature. It has, however, had effects which to my mind are desirable, however unpremeditated; for though the Expenditure was over-estimated and the Income under-estimated, it is obvious that the reserve balances of the City had been allowed to run perilously low and the large additions to our reserves accruing during the year, to some extent undesignedly created, have placed the City once more in possession of a surplus balance more in consonance with its increasing responsibilities and bearing a juster proportion to its increased expenditure.

To no inconsiderable extent the present position of the cash reserves is due to your determination to restrict additional grants within the narrowest possible limits and discourage proposals for the utilization of savings towards increased recurring expenditure.

The savings in Expenditure amounting to Rs. 6,59,000 and the excess in Income amounting to Rs. 4,51,000, though theoretically to be deprecated, have come most opportunely to strengthen a financial position which had become weaker than advisable at a time when indications point to a less elastic revenue with increased recurring expenditure on sanitation and improved communications, on Debt, Education and rates of labour.

The Income for the year amounted to Rs. 1,21,96,149 against Rs. 1,12,13,864 in the preceding year, showing an expansion of revenue, with the additional taxation alluded to, of Rs. 9,82,285. The expenditure of the year aggregating Rs. 1,12,81,871 shows a decrease on the previous year of Rs. 1,15,178 and is dealt with under "Revenue Expenditure." The net result of the year's working is, as already stated, a surplus of Rs. 9,14,277, against a deficit of Rs. 1,83,186 during 1909-10.

4. The original Budget Estimates of revenue stood at Rs. 1,17,45,000. This was increased to Rs. 1,20,54,175 in the Revised Estimates to provide for the expansion which was then perceptible. The figures actually realized, *viz.*, Rs. 1,21,96,149, indicate an increase of Rs. 4,51,149 over the original estimate and of Rs. 1,41,974 over the Revised Estimate.

5. The expenditure for the year, *viz.*, Rs. 1,12,81,871, shows a decrease of Rs. 4,57,378 on the original Budget Estimate of Rs. 1,17,39,249. As compared with the finally amended estimate of Rs. 1,21,74,692, there remained an unexpended balance of Rs. 8,92,820, out of which renewals of grants to the extent of Rs. 6,61,178 are required to meet expenditure in 1911-12 and future years, thus leaving a net saving of Rs. 2,31,642 on the final estimates for the year, after having already provided for a saving of Rs. 4,27,438 in the revised estimates of the year.

6. Including recoverable advances to the extent of Rs. 2,70,103 for administrative purposes, and Rs. 5,67,954 reserved for the renewal of lapsed grants for 1909-10 and previous years, the year opened with a working cash balance of Rs. 21,96,540. It closed with a balance of Rs. 31,49,323, of which Rs. 6,61,178 represent the renewal of lapsed grants for 1910-1911 and previous years, Rs. 1,00,000, the minimum cash balance required by law, and Rs. 8,65,000 required to be reserved to meet the contribution to the City Improvement Trust on the 1st April 1911.

Opening and closing working balances.

7. The sum standing at the debit of "Reserve Stores Stock" at 31st March 1911, including Surplus and Obsolete Stores of the value of Rs. 43,087, aggregated Rs. 5,09,340, as compared with Rs. 6,58,863 (including Surplus and Obsolete Stores of the value of Rs. 45,050) at the beginning of the year. There was thus a net decrease of Rs. 1,49,523.

Reserve Stores Stock.

8. The sums made available for expenditure during the year, in addition to the original Budget Grants, aggregated the very large figure of Rs. 8,62,881. The grants lapsing to Surplus Cash Balance and requiring renewal in 1911-12 aggregated Rs. 6,61,178, as compared with Rs. 5,67,954 renewed in 1910-1911.

Additional and lapsed grants.

9. Including all recoverable advances, except lapsed grants to be renewed in 1911-12 and Rs. 1,00,000 required to be reserved under the Act, the Surplus Cash Balance at the close of the year aggregated Rs. 23,88,146 against Rs. 15,28,587 at the beginning of the year, bringing out an increase in available balances of Rs. 8,59,559.

Surplus Cash Balance.

10. This Surplus, it may be pointed out, includes a sum of Rs. 8,65,000 reserved for the City Improvement Trust for payment on 1st April 1911 and has already been entrenched on to the extent of Rs. 1,87,950 during 1911-1912. The balances have further been temporarily entrenched on to the extent of Rs. 2,64,985 to provide sums for projects payable out of loan funds, in the absence of such funds having been specifically provided for in a loan already raised. I think this system preferable to the one hitherto followed of making advances from "Surplus Loan and other balances", as, now that our borrowing powers are being so seriously entrenched upon by large loan works, it is essential that available loan balances raised but not expended should not be utilized for loan works unsanctioned by Government without a clear conception of our further borrowing capacity.

The recoverable advances hitherto included a sum of Rs. 1,11,017-7-3 expended for Plague purposes. A further examination of the charge has shown that a large proportion of this is correctly debitable to the Municipality and Government have repudiated liability for the balance, which, it was thought, might be recovered from them. I have, therefore, thought it necessary to write off this large outstanding against the "Income and Expenditure Account."

11. The population of Bombay as indicated by the Census of 1911 was 9,72,930. The incidence of taxation per head of population during each of the five years ending with 31st March 1911 compares as under :—

Incidence of taxation.

Year.	Rs.	a.	p.
1906-07	8	8	7
1907-08	8	11	1
1908-09	8	15	8
1909-10	9	14	2
1910-11	10	12	1

12. The outstandings of rates and taxes at the close of the year 1910-11 stood at Rs. 1,16,050 against Rs. 1,14,806 in the previous year, thus showing an increase of Rs. 1,244 as follows :—

Income outstandings.

Outstandings at.	General Tax.	Water Tax.	Halalcore Tax.	Wheel Tax.	Meter Hire.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
31st March 1910 ...	53,801	33,942	24,118	2,340	605	1,14,806
31st March 1911 ...	63,710	27,358	22,503	1,767	712	1,16,050
	9,909 Increase	6,584 Decrease	1,615 Decrease	573 Decrease	107 Increase	1,244 Increase

13. As compared with the year 1909-10, when the Income realized amounted to Rs. 1,12,13,864, the receipts for the year under review show an increase of Rs. 9,82,285, due in a very large measure to increased taxation and adventitious receipts from Town Duties, sales of land, and interest on invested balances.

Comparison with 1909-10 (a) Income.

14 The total revenue expenditure of the year shows a net decrease of Rs. 1,15,179 on the previous year. The variations between the two years are very marked as a reference to Appendix No. 5 will show. There are very pronounced increases in Debt and Contribution to the City Improvement Trust, counterbalanced by gratifying reductions in the Health Department; and small increases in the Assessment, Fire Brigade and Engineering Departments are more than met by large reductions in the payment of "Local" and "Grain Compensation" allowances.

(b) Expenditure.

15. The Municipal Debt at 31st March 1910 stood at Rs. 5,49,08,205. During the year the second instalment of 15 lakhs of the 30 lakhs Loan for the acquisition of sites for the construction of various overbridges in the City was raised, and Rs. 1,20,058 having been repaid, the balance payable at 31st March 1911 amounted to Rs. 5,62,88,147. The increase in our liabilities was in consequence of the raising of the above mentioned loan.

Debt.

16. Against the outstanding debt, the Sinking Fund Investments on the 31st March 1910 amounted to Rs. 94,39,637. To this were added during the year Rs. 6,24,992 on account of annual Sinking Fund Investments and Rs. 4,03,587 on account of interest on the invested funds, bringing the total Sinking Fund Investments at 31st March 1911 to Rs. 1,04,68,216.

Sinking Fund.

17. The original Budget Estimate was placed at Rs. 48,96,754. As usual it was reduced at the time of the Revised Estimate and placed at Rs. 36,53,321, and again as usual, the total expenditure incurred during the year showed an enormous over estimate and amounted to only Rs. 25,08,991. Against a Budget Estimate of Rs. 36,18,969 and a Revised Estimate of Rs. 34,32,546, the actuals amounted during the previous year to Rs. 21,85,805.

Loan Works.

18. In this year the expenditure on Plague Operations was, as in the previous year, financed from Current Revenue, the amount expended during the year being Rs. 1,87,234. This sum raised the total expenditure of this Municipality for Plague purposes from the commencement of Plague Operations in 1896-97 to the close of the year to Rs. 74,18,547.

Plague expenditure.

INCOME.

19. A detailed comparison between the Budget estimates and the Actuals will be found in Appendix No. 2.

Comparison between Budget Estimates and Actuals.

20. It will be seen that the Actuals exceeded the original Budget Estimates by Rs. 4,51,149 distributed thus—

Taxation Proper	Rs.	1,23,583
Services rendered	,,	66,278
Returns from Property and Miscellaneous	,,	2,61,288
	Rs.	4,51,149

Adventitious receipts under "Town Duties" and the earlier payment of the tax on public conveyances account practically for the increase under "Taxation Proper." The receipts from Town Duties were increased by very heavy consignments of sugar coming to Port at the close of the financial year and the increase in the Wheel Tax is due to the police keeping a vigilant watch on public conveyances plying for hire without having renewed their licenses and paid their taxes.

The increase of Rs. 66,278 in the receipts for "service rendered" is due practically to the Water Tax.

21. In the Budget for 1910-11 the estimated revenue from Water Tax was put at Rs. 19,40,000 and in the Revised Budget increased to Rs. 19,95,000, but the actuals amounted to Rs. 19,95,327, notwithstanding that the Water Tax was reduced from 3½ per cent. to 3⅜ per cent. and the rate by meter measurement in the case of Railways and Port Trust from annas 9 to annas 6¼. There is a steady increase in this source of revenue, but owing to defective information in the Water Works Department, I have more than once already stated it has been impossible to arrive at any accurate forecast of the Income from this source. Arrangements are in progress to remedy existing defects, and I have every reason to believe that the near future will see much bigger returns than have ever before been realized.

22. Under "Returns from Property and Miscellaneous" there were many unexpected windfalls. Rs. 58,285 were realized under Miscellaneous Receipts by the sale of Municipal land at Agripada and Connaught Road to Government in connection with a Police Accommodation Scheme. An increase of Rs. 80,961 accrued under "Interest on investments of Surplus Loan and other Balances," owing to large increases in Income with reduced revenue expendi-

ture, combined with the slow progress of loan works for which funds had been made available. There was a further unexpected increase of Rs. 22,841 under "Interest" at 3 per cent. on Corporation lands made over to the City Improvement Trust, owing to the Corporation finding it legally impossible to forego the interest which was due to them on these lands under Act IV 1898.

23. Further a sum of Rs. 52,615 became payable to the Municipality from the credit balance outstanding in the City Improvement Trust General Account under Section 79 of Act IV of 1898.

24. Two small increases of Rs. 11,000 each in round numbers accrued under "Miscellaneous Fees" and "Contribution towards Pension, &c., Fund," the former being due to higher receipts from the levying of fees in the Streets and Building Department and the latter to an underestimate originally.

II.—COMPARISON BETWEEN REVISED ESTIMATES AND ACTUALS.

25. From Appendix No. 2 it will be seen that the increases under the different heads aggregated Rs. 2,62,300, against which the decreases amounted to Rs. 1,20,326, the result being a net increase of Rs. 1,41,974.

The same causes which operated in producing increases on the original estimates were instrumental in giving the large total increase on the revised estimates. Of the gross decrease of Rs. 1,20,326 Rs. 90,971 occurred under "General Tax" in consequence of Government not having paid the arrears claimed from them in connection with the revision of the assessable value of their properties.

There was also a decrease of Rs. 15,093 in the realizations under Tobacco Duty probably due to the increased Imperial taxation on this article.

III.—COMPARISON BETWEEN THE ACTUALS FOR 1909-10 and 1910-11.

26. As already stated, the General Tax and Fire Tax were increased from 9⅓ per cent. and ⅔ per cent. to 10½ per cent. and ½ per cent. respectively during the year. The Income for the year under review (*vide* Appendix No. II) exceeded that of the previous year by Rs. 9,82,285. The most prominent increases were in the "General Tax" and "Town Duties" which amounted to Rs. 6,07,671 and Rs. 2,63,168 respectively. In both these cases there had been increased taxation levied in 1910-11, resulting in an increase of Rs. 4,85,000 in the General Tax and an estimated increase of Rs. 1,50,000 in "Town Duties." The balance in the receipts from General Tax is due to expansion of Income and a large proportion of the increase in "Town Duties" is due to large imports of sugar at the close of the year, as already indicated in para. 20.

The expansion in the rateable value of properties liable to the General Tax brought with it an increased revenue under the Halalcore Tax also accounting for the increase over the preceding year of Rs. 40,605. Increased stall rents, slaughter and squatters' fees and higher rates realized from farming rights account for the increase in the Market Receipts. The sale of land alluded to in para. 22 accounts for the increased income under "Miscellaneous Receipts" and larger investments and a payment by the City Improvement Trust to the Corporation under Section 79 of Act IV of 1898 were productive of increases of Rs. 64,862 and Rs. 52,615 respectively.

27. The position as regards the prospects of the General Tax and the Halalcore Tax is not discouraging, but it is in the Water Tax that a further expansion of Revenue is in my opinion to be most looked for. The very large increases in the rateable value of properties on which our income from the General Tax and Halalcore Tax, and partly the Water rate depends have received a very decided check. The very material increases accruing upto 1908-09 have in the year under review been reduced to Rs. 2,57,198, (as brought out in the accompanying statement comparing 1910-11 with 1909-10), whereas in 1907-08 they amounted to Rs. 3,96,217 and in 1908-09 to Rs. 3,69,266. The set-back to more normal conditions was expected, but these figures reveal the necessity for the greatest care in drawing upon reduced resources for increased recurring expenditure.

The decrease of Rs. 29,355 under "Wheel Tax" is due to most abnormal receipts in 1909-10. I am unable to account for the falling off in the receipts under Tobacco Duty of Rs. 20,706, except by presuming that it is the result of the increased duty on Tobacco levied by the Government of India. The receipts for 1911-12 do not point to a similar decrease in 1911-12 and I accordingly assume for the present that it is a passing phase. The decrease under "Contributions towards Pension Fund" is the result of adjustments made on the amalgamation of the temporary staff under the Re-organization Scheme of the Health Department with the permanent staff during 1909-10. A special receipt of Rs. 76,006 from the City Improvement Trust in 1909-10 accounts for decreased receipts in the year under review under "Net Premia Fund."

1909-1910.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax at 9½ per cent. —			
Total collections booked	39,69,083 7 10		
Less—			
Recoveries for previous years	37,327 5 7		
	39,31,756 2 3		
Add—			
Outstandings for the year at the close of the year	50,531 7 10	39,82,287 10 1	
2. Water Tax and Miscellaneous W. W. Revenue 3¼ per cent. on rateable value. Total collections booked...	20,11,788 2 2		
Less—			
Recoveries for previous years	34,544 8 6		
	19,80,243 9 8		
Add—			
Outstandings for the year at the close of the year	32,699 15 10	20,12,943 9 6	
3. Halalkhore Tax—			
Total collections booked	11,92,345 11 9		
Less—			
Recoveries for previous years	16,023 6 0		
	11,76,322 5 9		
Add—			
Outstandings for the year at the close of the year	21,880 11 10	11,98,203 1 7	71,93,434 5 2

1910-1911.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax 10¾ per cent.—			
Total collections booked	45,76,754 5 9		
Less—			
Arrear Recoveries	21,624 3 6		
	45,55,130 2 3		
Add—			
Outstandings for the year at the close of the year	61,366 8 3	46,16,496 10 6	
2. Water Tax and Miscellaneous Water Works Revenue (3¾ per cent. on the rateable value.) Total collections booked...	19,95,327 7 4		
Less—			
Recoveries for previous years	18,404 4 5		
	19,76,923 2 11		
Add—			
Outstandings for the year at the close of the year	26,182 5 10	20,03,105 8 9	
3. Halalkhore Tax—			
Total collections booked	12,32,950 8 5		
Less—			
Recoveries for previous years	7,621 7 0		
	12,25,329 1 5		
Add—			
Outstandings for the year at the close of the year	21,810 12 4	12,47,139 13 9	78,66,742 1 0

Net Income from Property Taxes for 1910-1911			Rs. 78,66,742 1 0
Less—Difference if the General Tax had been levied at 9½ per cent. as in 1909-10		Rs. 4,88,805 3 7	
Add—Difference if the Water Tax on value had been levied at 3¼ per cent. as in 1909-10	Rs. 35,852 9 6		
Difference in consequence of the reduction in rate during the year from annas 9 to annas 6½ for water supplied by meter measurement to the Railways and Port Trust	„ 36,843 4 11	„ 72,695 14 5	„ 4,16,109 5 2
Estimated Net Income from Property Taxes for 1910-11 at the same rate of taxation as in 1909-10			Rs. 74,50,632 11 10
Net Income from Property Taxes for 1909-10			„ 71,93,434 5 2
Increase in 1910-11 over 1909-10			Rs. 2,57,198 6 8

28. Summing up the position in regard to our revenue for 1910-11, as compared with 1909-10, I think that, allowing for similar rates of taxation for the two years, the permanent expansion of our revenues during 1910-11 may be put at 3 lakhs.

OCTROI DUTIES.

29. As usual the various articles on which duty was levied at the time of import under the provisions of Section 192(1) of the Municipal Act, the amount levied and the refunds allowed thereon under Section 192 (2) on their export are shown in Appendix No. 3.

30. The gross collections for the year having been estimated at Rs. 32,80,000 and the refunds at Rs. 17,00,000 a net revenue of Rs. 15,80,000 was provided in the Budget for 1910-11. The actual gross realizations were more than the estimate by Rs. 1,69,545, the refunds paid by this Department during the year were also more than the estimate by Rs. 61,740 and the balance at the close of the year being more than the opening balance by Rs. 1,146, the net result was an increase of 1,06,659 over the Budget Estimate as shown in Appendix No. 2. The net revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 16,86,659 against Rs. 14,23,491 in the preceding year and the net realizations, after deducting the cost of collection, amounted to Rs. 15,54,012 against Rs. 13,04,576 in the previous year.

31. The gross collections for the year under review with the refunds therefrom will be found compared with those of the preceding year in Appendix No. 3 B. It will be perceived therefrom that there were increases under Sugar, Wines and Spirits, Grain, Ghee and Firewood and decreases under Beer and Timber, as compared with the revenue derived from these sources last year.

The increase under grain was due to the additional duty of 2 annas levied on it. The imposition of the duty on firewood of 2 annas per Khandi accounts for the increase under that head.

REVENUE EXPENDITURE.

I. Grants for Expenditure from Current Revenue.

32. From Appendix No. 4 it will be seen that the grants originally sanctioned by the Corporation under Section 129 of the Municipal Act aggregated Rs. 1,17,89,249. To this were subsequently added (1) Rs. 2,90,520 on account of lapsed grants for 1908-09 and previous years, including transfers sanctioned in 1909-10 not utilized in that year and Budget grants for 1909-10 not wholly or partially utilized in that year and sanctioned by the Corporation in 1910-11, (2) Rs. 2,77,433 on account of lapsed grants for 1909-10 and (3) Rs. 2,94,927 on account of additional grants sanctioned for unforeseen expenditure during the year, including Rs. 8,331 received by us in excess of the estimate on account of interest on Net Premia Fund Investments and Rs. 1,287, being the amount of interest received on Sinking Fund Investments in excess of that anticipated. The total sanctioned grants for the year aggregated Rs. 1,21,74,691, after allowing for savings aggregating Rs. 4,27,438 in the revised estimates.

33. During the previous year the additional grants sanctioned amounted to Rs. 6,85,024. The growing practice of voting large additional grants during the currency of the year has been very materially checked during the year under review with the result that the additional grants during the year aggregated only Rs. 2,94,927.

34. The transfers made from one Budget head to another without in any way affecting the total Budget provision for the year amounted to Rs. 97,843.

35. The principal items above Rs. 10,000, making up the additional grants of Rs. 2,94,927 above referred to, are :—

		Rs.	a.	p.
(1)	Cost of two additional motor wagons for the removal of Town sweepings	25,460	0	0
(2)	Excess in the grant for Plague expenditure for the year 1909-10 ...	31,000	0	0
(3)	Moiety of the charges in respect of the Census Operations in Bombay	20,000	0	0
(4)	Payment due to the City Improvement Trust under Section 73 of the City of Bombay Improvement Trust Act	52,300	0	0
(5)	To supplement the Budget grant of Rs. 75,000 for Road Watering during 1910-11	12,000	0	0
(6)	Excess in the grant for Gas Lighting	12,000	0	0
(7)	Charges in connection with preventing the leakage from the Filter beds and Reservoirs at Bhandarwada	12,381	9	1
(8)	Constructing latrines, urinals and bathing places at the junction of Khara Tank and Agiari Lane	16,406	7	7
(9)	For payment of a gratuity to Mr. Joseph Hall, M. Inst. C.E., M.I.M.E., late Executive Engineer	13,596	13	7
		Rs. 1,95,144	14	3
	Add—Grants for various purposes under Rs. 10,000 each	99,782	3	1
		Rs. 2,94,927	1	4

II. Comparison between the Grants as finally sanctioned and Actuals.

36. As stated in para. 32 the grants finally made available for expenditure during the year aggregated Rs. 1,21,74,691—an unprecedented figure—(*vide* Appendix No. 5). The total expenditure actually booked amounted to only Rs. 1,12,81,871, leaving the unnecessarily high unexpended balance of Rs. 8,92,820. Out of the latter amount, Rs. 6,61,178 are required to be renewed for expenditure in 1911-12, leaving a saving of Rs. 2,31,642 or 2·01 per cent. on the total sanctioned grants minus renewals, against 1·48 in the preceding year. The following figures show the percentage of savings to the sanctioned grants for the last five years, making no allowance for renewals :—

Year.	Final sanctioned grants after deducting savings taken credit for in the Revised Estimates.	Unappropriated net savings.	Percentage.
	Rs.	Rs.	
1906—1907 ...	1,04,32,893	2,46,079	2·36
1907—1908 ...	1,11,62,694	1,70,253	1·52
1908—1909 ...	1,15,21,022	1,78,558	1·55
1909—1910 ...	1,21,36,875	1,71,872	1·42
1910—1911 ...	1,21,74,691	2,31,642	1·90

37. I have in paras. 3 and 5 of this report commented on the large savings in expenditure on the figures as originally estimated. However welcome the savings are in view of the comparatively low state to which our reserve balances had been reduced, the feature is not a happy one from a financial and economic standpoint, and must be checked if the taxation and finances of the City are to be kept within the bounds warranted by requirements. As compared with the position at which we had arrived in 1909-10, a very appreciable retrograde movement in careful estimating is brought out by the final figures for the year, as the following comparative statement shows :—

	1909-10.	1910-11.
	Rs.	Rs.
Savings as estimated in the revised estimates ...	1,21,289	4,27,438
Further savings accrued in final accounts ...	1,71,871	2,31,642
Rs.	2,93,160	Rs. 6,59,080

Excess in savings in 1910-11 Rs. 3,65,920.

The excess provision in 1910-11 was in the following heads, taking 1909-10 as representing fairly normal results of estimating :—

	Rs.
Engineering Department	50,000
Public Health Department	1,39,000
Grain Compensation	77,000
Discount on Loans	1,00,000
Rs.	3,66,000

This represents ¾ per cent. in "General Tax" on rateable value, and the effect of inefficient estimating on the taxation of the year is thus obvious. The unusual provision made in 1910-11 for "Grain Compensation" and "Discount on Loans" was most carefully considered, and was decided upon as an inevitable outcome of the low state of our reserve balances, combined with the largely increased demands from Departments, for Education, Debt and the City Improvement Trust. I cannot, however, bring myself to conclude that the estimates of the Engineering and Public Health Departments could not have been more accurately forecast and thus obviated a premature raising of taxation. The savings in these two Departments on the original estimates, which were presented to the Corporation and passed, were heavy enough in 1909-10, amounting as they did to Rs. 65,000 and Rs. 66,000 respectively, but in 1910-11 they increased to Rs. 1,15,000 and Rs. 1,98,000 respectively. This total of Rs. 3,13,000 represents a rise of ¾ per cent. in the General Tax or 4 annas per Khandi in the octroi on grain.

38. The principal variations between the actuals and the allotted grants which call for remarks are :—

		Rs.
A.	General Superintendence	8,821
B.	Gardens	7,045
C.	Public Works Department	91,606
D.	New Works	14,220
E.	Public Health Department	84,208

leaving minor savings aggregating Rs. 25,742 under other service heads. The causes of the variations under the above heads are explained below :—

A. Of the savings of Rs. 8,821 under this head, Rs. 3,210 were due to the grant for upkeep of motors not having been utilized during the year, the motors having been purchased during the year 1911-12. There were minor savings under other heads which call for no remarks.

B. The principal saving of Rs. 4,044 was under Victoria Gardens and was due to band expenses not having been incurred to the full extent, and wages to labourers, &c. having been allowed below maximum, &c.

C. Public Works (Engineer's Department). The most important of the savings aggregating Rs. 91,606 were as under :—

	Rs.
Drainage A—Miscellaneous Drainage	7,187
Water Works (Ordinary)	17,685
A—Inspection and Supervision, Streets and Buildings...	6,494
Public Lighting	7,907
C—Road Watering	10,400
Oiling and Tarring Roads	24,082
Total ...Rs.	73,755

Of the saving of Rs. 7,187 under Drainage. A—Miscellaneous Drainage, Rs. 2,145 were under Repairs and Alterations to Miscellaneous Drains and Gutters and Rs. 1,272 under Repairs to Roads opened for drainage purposes.

Of the saving of Rs. 17,685 under Water Works, Ordinary Branch, Rs. 11,809 were under Establishment due to the present Water Engineer having been appointed late in the year, and to the full budgetted staff not having been engaged. There were also savings under Rent and Contingences, amounting to Rs. 2,034 and Rs. 2,358 respectively.

There was a saving of Rs. 6,494 under A—Inspection and Supervision, Streets and Buildings, which was principally due to the full temporary establishment provided for not having been employed.

The saving of Rs. 7,907 under Public Lighting was due to less expenditure on account of shifting lamps, &c., having had to be incurred during the year.

The saving of Rs. 10,400 under C—Road Watering was due to an extra grant asked for and granted for the hire of carts and bullock pairs for road watering not having been expended. This saving can, I think, be claimed as the result of the test audit operations of this Department.

The saving of Rs. 24,082 under Oiling and Tarring Roads was due to the expenditure voted for this purpose not having been fully incurred, being found to be undesirable in view of the experiments made in this direction.

D New Works.—The saving of Rs. 14,220 under this head was due to excessive estimating.

E. Public Health Department.—Of the saving of Rs. 84,208 in this Department Rs. 1,307 were effected under General Supervision, Rs. 71,751 under Conservancy Branch, Rs. 1,978 under Markets and Slaughter Houses, Rs. 1,471 under Registration of Births and Deaths, Rs. 1,948 under Cemeteries, Rs. 2,023 under Laboratory, Rs. 43 under Mahalaxmi Dhobhiwada, Rs. 2,928 under Infectious Diseases, Rs. 199 under Milch Cattle Stables, Rs. 153 under Tank Conservancy, Rs. 46 under R. J. Dharamshalla, Rs. 304 under Vaccination and Rs. 56 under Malaria.

The saving under Conservancy of Rs. 71,751 was principally due to the reduction in the number of carts and bullocks due to the working of motors, to less expenditure incurred on the construction of new carts, to the reduction of temporary halalkhores and to the favourable rates of fodder.

The other small savings under different heads call for no special remarks.

III. Lapsed Grants.

39. The grants lapsing at the close of the year and requiring renewal in 1911-12 aggregate Rs. 6,61,178. The heads under which the renewals are required will be found in Appendix No. 5. It will be seen that the principal renewals are in General Superintendence (Rs. 66,171), Fire Brigade (Rs. 31,413), Public Gardens (Rs. 14,331), Public Works (Rs. 93,742), New Works (Rs. 1,21,730), Public Health Department (Rs. 1,14,583), Plague Expenses (Rs. 36,864) and Debt (Rs. 1,59,725). The amount proposed to be renewed in 1911-12, as compared with the preceding year (Rs. 5,67,953), shows an increase of Rs. 93,225. The percentage of renewed grants to grants allotted shows an increase on the previous year, being 5·43 against 4·67 in 1909-10, but a decrease on preceding years, the results of which were 6·18 in 1908-09, 7·2 in 1907-08 and 6·38 in 1906-07.

My estimate of the lapsed grants in the revised estimates amounted to Rs. 5,18,527, and even this figure in my opinion can be reduced by closer attention. The higher figure of Rs. 6,61,178 brought out on final examination is in my opinion inexcusable. It includes Rs. 37,000 on account of Law Charges, which could be greatly reduced by co-operation between Departments and the Solicitors, Rs. 34,000 on account of an 80-feet Fire Escape ladder, which could have been avoided by a more expeditious placing of the order with the manufacturers, and New Works aggregating Rs. 1,21,730. Particular attention is invited to this last large sum. It is within the power of the Engineering Department to reduce this figure to almost vanishing point by expeditiously undertaking works and zealously prosecuting them to completion. When it is remembered that the lapse on this account in 1909-10 amounted to Rs. 1,52,158 and that the provision for 1911-12 is Rs. 1,93,395, it will be appreciated to how considerable an extent we are financing works in advance of actual requirements, and how the taxation of the City is adversely affected thereby. I have for years brought these unnecessary lapses to notice. There has been an improvement, as the figures show, but the improvement is not being sustained, and I accordingly once more urge such a consideration of the question as will bring home their responsibility to the Supervising Officers.

IV.—Comparison between the Actual Expenditure during 1909-10 *and* 1910-11.

40. The Revenue expenditure of the year under report, as compared with the preceding year, shows increases aggregating Rs. 6,27,740 under certain heads and decreases aggregating Rs. 7,42,918 under others, thus leaving a net decrease of Rs. 1,15,178. The principal variations are explained below :—

A. General Superintendence.—There was an increase of Rs. 6,411 under Municipal Commissioner's Personal Office Establishment, principally due to the privilege leave allowances payable to the late Municipal Commissioner, to increments and acting allowances allowed to the staff and to heavy printing and advertisement charges. The increase of Rs. 3,081 under Accounts and Expenditure Audit Establishment, was due to the increments paid and acting allowances allowed on account of absentees. The decrease of Rs. 2,665 under Corporation and Standing Committee Establishment was due to the work of printing Municipal Acts of 1865 and 1872 together with the proceedings of the Legislative Council appertaining thereto having been completed during the previous year. The decrease of Rs. 26,841 under General Office Establishment was due to General Election expenses having been incurred during the previous year and to less charges on account of Law charges having been paid during the year.

B. Assessment and Collection Department.—Owing to the increments to the staff there was an increase of Rs. 3,016 under Property and Wheel Tax Establishment. There was an increase of Rs. 12,874 under Town Duty Collection, owing to more commission charges having had to be paid in consequence of increased imports of dutiable articles.

C. Fire Brigade.—There was an increase of Rs. 13,852 under this head, due to the employment of the new staff at Elphinstone Bridge Road Fire Brigade Station, to the purchase of two sets of wheels with solid rubber tyres and a hand Fire Escape. Additional stores had also to be purchased for this new station.

D. Public Gardens.—The increase of Rs. 4,505 was due to the opening of the New Esplanade Garden. The decrease of Rs. 10,780 under Victoria Gardens was due to expenditure on improvements in the Gardens having been incurred during the previous year. The other small increases and decreases under other heads call for no special remarks.

E. Public Works Engineer's Department.—The net increase of Rs. 30,959 is made up as follows :—

	Increase.	Decrease.
(1) General Supervision and Miscellaneous Duties ...	.....	5,060
(2) Mechanical Branch	17,852	11
(3) Sanitary Disposal of Town Sweepings	2,796	.....
(4) Drainage Branch	.....	3,412
(5) Water Works, Ordinary and Special	10,963	454
(6) Streets and Buildings Branch	35,948	27,663
Rs.	67,559	Rs. 36,600

(1) The decrease of Rs. 5,060 under "General Supervision" was principally due to savings effected in the salary of the Executive Engineer in consequence of the retirement of Mr. Hall, late Executive Engineer, from 19th November 1910.

(2) The increase of Rs. 17,852 under "Mechanical Branch" was principally due to the purchase of new air cylinders and covers for No. 3 Small Engine at Love Grove, and to the consumption of more coal than in the previous year.

(3) The increase of Rs. 2,796 under "Sanitary Disposal of Town Sweepings" was due to increased haulage charges and increased expenditure on stores and contingencies.

(4) The decrease of Rs. 3,412 under "Drainage" was principally under labour, hire of carts, and maintenance and upkeep of the open main drain.

(5) The increase of Rs. 10,963 in the Water Department was principally due to the purchase of 500 meters to ensure efficient measurement of water supply and to prevent loss of revenue. The small decrease of Rs. 454 calls for no remarks.

(6) The increase of Rs. 35,948 was principally due to the lighting of additional lamps transferred by the Improvement Trust, more expenditure incurred on repairs to Roads and Footpaths and to the purchase of Steam Road Rollers. The decrease of Rs. 27,663 was due to less expenditure having been incurred on Road Watering and Oiling and Tarring Roads.

F. New Works.—There was an increase of Rs. 6,364, owing to more works having been executed during the year.

G. Public Health Department.—There were increases aggregating Rs. 4,287 and decreases amounting to Rs. 2,79,657 under this head, thus causing a net decrease of Rs. 2,75,370. The principal increases and decreases are as follows :—

	Increase.	Decrease.
	Rs.	Rs.
(1) General Supervision	.....	4,306
(2) Conservancy Branch	.....	2,34,367
(3) Markets and Slaughter Houses ...	.....	21,279
(4) Registration of Births and Deaths...	3,297	.....
(5) Laboratory	.....	2,424
(6) Infectious Diseases...	.....	9,292
(7) Expenditure in connection with the investigation of Committee appointed by Government to enquire into the prevalence and causation of malaria and other fevers in Bombay	.....	6,271

(1) *General Supervision.*—The decrease of Rs. 4,306 under this head was principally due to furniture required for the seven Deputy Health Officers' offices having been purchased during the previous year.

(2) *Conservancy Branch.*—The decrease of Rs. 2,34,367 under this head is phenomenal and is made up principally as follows :—

	Rs.
Feed of Cattle	1,14,000
Labour	41,000
Rent	25,000
Repairs	22,000
Stores	8,000
Loading Sidings at Colaba and Mahalaxmi ...	11,000
Rs.	2,21,000

I estimate about Rs. 80,000 of this to be a permanent decrease under feed, labour and repairs. The very large saving under feed is due to the reduction in cattle consequent on the introduction of motor traction, followed by reduction in staff and repairs to carts. The reduction in the other items will be followed with interest in comparison with future expenditure, but I do not advise their being looked upon as permanent reductions without further experience and detailed examination.

(3) *Markets and Slaughter Houses.*—The decrease of Rs. 21,279 under this head was due to the favourable rates of fodder, to less expenditure incurred on account of repairs and to arrears of rent due to Government having been paid during the previous year.

(4) *Registration of Births and Deaths.*—The increase of Rs. 3,297 was chiefly due to the increments allowed to the staff and to the purchase of wooden boards with inscriptions in English, Marathi and Gujarati for Registrars, Sub-Registrars and Birth Karkoons.

(5) *Laboratory.*—The decrease of Rs. 2,424 was principally due to the pay of Dr. Ghadially, the Municipal Analyst, who died at the commencement of the year, having been saved and to less expenditure having been incurred on account of the maintenance of the Laboratory during the year.

(6) *Infectious Diseases.*—The decrease of Rs. 9,292 under this head was due to less expenditure incurred on special measures for the prevention and suppression of infectious diseases other than plague.

(7) *Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the Prevalence and Causation of Malaria and other Fevers in Bombay.*—The decrease of Rs. 6,271 was chiefly due to our not having had to pay any contribution towards the expenses of the Committee during the year.

H. Census.—The increase of Rs. 14,828 was due to expenditure on Census Operations.

I. Education.—The net increase under this head amounted to Rs. 1,23,869. The principal increase of Rs. 1,21,984 under Primary Education was due to the opening of 15 new schools, to the grant of local allowances to teachers, to increases in the teachers' pay and to the surplus accumulations of the Schools Committee having been exhausted. The increase of Rs. 2,000 under Victoria Jubilee Technical Institute was due to an additional contribution of that amount to the Institute.

J. Miscellaneous.—The increases aggregating Rs. 74,717 were principally due to a gratuity of nearly Rs. 15,000 having had to be paid to Mr. Hall, the retiring Executive Engineer, to a loss of over Rs. 3,000 on account of work done for Private parties and to a rebate of over Rs. 50,000 to the Bombay Improvement Trust under Section 73 (3) of Act IV of 1898. The decreases aggregated the very large sum of Rs. 2,94,015, of which Rs. 2,14,000 are due to Grain Compensation and Local Allowance payments in 1909-10, Rs. 13,000 for arrears of rent paid in that year to Government in respect of the Workshops ground at Paltan Road and nearly Rs. 62,000 to the write-off in the accounts for 1909-10 of the loss sustained in the sale of Unserviceable, Surplus and Obsolete Stores.

K. Contribution to the City Improvement Trust.—An increased contribution of Rs. 55,000 had to be made to the City Improvement Trust during the year owing to the increased General Tax realizations.

L. Plague Expenses.—This head shows a decrease of Rs. 15,680. The decrease is fully explained in the remarks under Appendix No. 9-A.

M. Municipal Debt.—The increases amounting to Rs. 2,30,384 were principally due, (1) to the payment of interest for the whole year on the 15 lakhs loan for Street Improvements and the first instalment of 15 lakhs of the 30 lakhs loan for overbridges raised in 1909-10, (2) to the interest for the broken period on the 2nd instalment of 15 lakhs of this 30 lakhs loan raised in 1910-11 and (3) to the investment of Sinking Fund instalments on account of these loans and the interest accrued on Sinking Fund investments.

N. Investments.—The net decrease aggregating Rs. 72,414 was principally due to the transfer of Rs. 76,005 paid by the City Improvement Trust under Section 79 of the Act to the Net Premia, &c., Fund as per Corporation Resolution No. 6295 of 24th January 1910 during the previous year.

41. Reviewing as usual, the extent to which we may consider there have been permanent additions to our Revenue Expenditure during the year, I consider that the various additions to our recurring outlay under General Superintendence, Fire Brigade, Public Gardens and Public Works Department are about counterbalanced by the permanent decrease in the Health Department, which I have placed at about Rs. 80,000. The very large variations under "Miscellaneous" are such as do not affect the permanent recurring expenditure, and the extra

payments on account of Town Duty Collection are covered by increased Revenue. The permanent increased addition to our recurring expenditure I accordingly place at Rs. 4,09,000, thus :—

Education	Rs.	1,24,000
Contribution to the City Improvement Trust...	,,	55,000
Debt	,,	2,30,000
	Rs.	4,09,000

In para. 28 I have placed the expansion in Income, without taking additional taxation into account, at Rs. 3 lakhs; and so once again, as in the preceding two years, I have to chronicle a growth of recurring expenditure increasing at a rate faster than our Income. When I combine this fact with the very large capital works to which we are committed in the near future, to which I shall have cause to refer later on in this report, I am constrained to respectfully advise that the prudential limit has been reached for the present up to which we can increase our ordinary recurring expenditure, if these schemes, on which the further development of the Island on natural and sanitary lines seems to be involved, are to be undertaken without straining our taxable wealth to the utmost limits.

SURPLUS CASH BALANCE.

Appendix No. 6.

42. The Surplus Cash Balance (excluding the minimum balance of Rs. 1,00,000 required by law but including Rs. 8,65,000 reserved for payment to the City Improvement Trust on account of contribution from Revenues earmarked for the purpose during the year) stood at Rs. 23,88,145-8-7 against Rs. 15,28,586-14-9 at the close of 1909-10, showing an increase of Rs. 8,59,558-9-10 made up thus :—

				Rs.	a.	p.
Surplus for the year				9,14,277	4	4
Decrease in balance of Reserve Stock stores ...				1,49,523	3	8
				10,63,800	8	0
Less—		Rs.	a. p.			
Increase in balance of lapsed grants		93,224	6 11			
Plague charges hitherto treated as recoverable from Government but now assumed tentatively to be irrecoverable		1,11,017	7 3	2,04,241	14	2
	Net Increase...			8,59,558	9	10

The Surplus Cash Balance at the close of the year, including Rs. 1,00,000 required by law but exclusive of Rs. 8,65,000 reserved for the City Improvement Trust, was Rs. 16,23,145-8-7. being Rs. 12,47,394-8-7 in advance of the original estimate of Rs. 3,75,751 and also exceeded the balance shown in the Revised Estimate of Rs. 11,38,614-8-9 by Rs. 4,84,530-15-10. The latter increase is accounted for thus :—

	Rs.	a.	p.	Rs.	a.	p.
1. Extra Income realizations (para. 4)	1,41,974	0	0			
2. Savings in expenditure (para. 5)	2,31,641	14	9			
3. Savings on amount reserved for additional grants	52,982	13	9			
4. Difference in favour of 1910-11 as compared with 1909-10 in the renewed grants actually required in 1909-10 and that provided in Revised Estimate for 1910-11 (Rs. 5,67,953-8-2—Rs. 5,18,527).	49,426	8	2			
5. Decrease in value of reserve stock	1,49,523	3	8	6,25,548	8	4
			Carried forward...	6,25,548	8	4

				Rs.	a.	p.
			Brought over...	6,25,548	8	4
Less—		Rs.	a. p.			
1.	Difference between amount paid to the City Improvement Trust on 1st April 1911 (Rs. 8,65,000) and 1st April 1910 (Rs. 8,35,000)	30,000	0 0			
2.	Deduction on account of Irrecoverable Plague charges...	1,11,017	7 3			
3.	Increase shown in opening balance of revised estimate ...	0	1 3	1,41,017	8	6
			Difference ...	4,84,530	15	10

On lines already adopted and for reasons explained in previous years, I have, in arriving at our available unhypothecated Surplus Balances, excluded the contribution of Rs. 8,65,000 paid to the City Improvement Trust on 1st April 1911 as this sum forms part of Revenue collected for the purpose during 1910-11.

In view of the attitude taken up by the Government in regard to the payment of certain Plague charges hitherto treated as recoverable from them, and in view also of the fact that a large proportion of the charges on further examination are found to be rightly chargeable to the Municipality, I have thought it prudent to treat the sum of Rs. 1,11,017-7-3 hitherto shown as an asset as irrecoverable. Our available reserve balance, which can rightly be considered as unhypothecated to any purpose at the close of the year, I have accordingly placed at Rs. 15,23,145-8-7.

Apart from all other considerations of advantages attendant on this increased balance, it is a satisfaction to know that the unadjusted balance of Rs. 9,10,052-7-4 for Plague charges outstanding in the Loan account is covered by an actual cash reserve—a position which could not be claimed at the close of 1909-10.

I have in para. 10 (General Results, Surplus Cash Balance) noted that this enhanced balance has been entrenched upon in 1911-12 to the extent of Rs. 1,87,950.

LOANS RAISED.

Appendix No. 6-A.

43. The amount of loans raised upto 31st March 1911, as shown in the above Appendix, aggregated Rs. 5,27,00,500 ; the total amount on Loan Works stood at Rs. 5,05,71,924-3-4 and the invested balance at Rs. 21,28,575-12-8.

DEBT AND SINKING FUND.

Appendices Nos. 7, 7-A & 8.

44. The total Capital Debt of the Corporation at the beginning of the year amounted to Rs. 5,49,08,204-14-4, of which Rs. 23,32,204-14-4 represented the Vehar Debt due to Government, and the balance was due to the public. During the year under report, as decided by the Corporation on the recommendation of the Commissioner, the 2nd instalment of 15 lakhs of the 30 lakhs Loan for the acquisition of sites for the construction of different overbridges in the City was raised. The amount paid during the year towards the reduction of the Vehar Debt was Rs. 21,058-4-8, and Rs. 99,000 were repaid to certain holders of the debentures of the Drainage Loan of 1878. There was thus a net increase of Rs. 13,79,941-11-4 in the Capital Debt of the Corporation, which stood at Rs. 5,62,88,146-9-8 on 31st March 1911, against Rs. 5,49,08,204-14-4 at the beginning of 1910-11. Of the total debt Rs. 23,11,146-9-8 represented the amount due to Government. Against the total debt due, the Sinking Fund invested upto 31st March 1911 amounted to Rs. 1,04,68,215-7-8, leaving a net debt liability of Rs. 4,58,19,931-2-0.

45. From statement No. 7 it will be observed that 33 debentures of the aggregate value of Rs. 16,500 of the Drainage Loan of 1878, which were redeemable on 1st January 1906, 1st January 1909, 1st January 1910 and 1st January 1911 were not surrendered for repayment by the holders upto the close of the year. There was thus an increase of Rs. 2,000 in the outstanding balance at the close of the preceding year.

46. Appendix No. 8 shows that the outstanding interest on the different Municipal Loans at the beginning of the year amounted to Rs. 1,46,644-15-8 which, together with Rs. 23,39,778-7-2 on account of interest payable during the year under report, gave a total liability of Rs. 25,27,423-6-10.

Against this the net interest paid by the Bank of Bombay during the year under report amounted to Rs. 23,80,358-4-6 against Rs. 22,74,502-15-0 in the preceding year. The outstanding balance at the close of the year under report amounted to Rs. 1,47,065-2-4 or Rs. 420-2-8 more than the figure for the preceding year. The outstanding represents 5·82 per cent. of the total interest payable against 6·05 in 1909-10.

47. From Appendix No. 7 A it will be seen that the invested balances of the Sinking Fund on 31st March 1911 amounted to Rs. 1,06,17,416-13-11 and was only Rs. 5,676-13-11 in excess of what should have accumulated for the purpose for which the funds have been created. The result will, I trust, be considered satisfactory as denoting the care with which the investments are made.

The subjoined statement shows the book and market value of the paper held in the Sinking Fund at the close of the year. It will be seen that on the basis of the market rates our Sinking Funds are on a thoroughly sound financial basis:—

Name of Sinking Fund.	5 per cent. Municipal Debentures.	4 per cent. Municipal Debentures.	4 per cent. B. I. Trust Debentures.	3½ per cent. Government Paper.	3 per cent. Government Paper.
	Rs.	Rs.	Rs.	Rs.	Rs.
5 per cent. Municipal Loans Sinking Fund	34,66,000	5,46,000	5,97,500	8,22,500	... ...
4 per cent. Municipal Loans Sinking Fund 3½ per cent. basis	.....	16,27,500	23,36,500	8,01,800	.....
3½ per cent. Municipal Loans Sinking Fund	.....	20,000	30,000	1,61,300	.....
4 per cent. Municipal Loans Sinking Fund 3 per cent. basis	.....	.....	.....	.....	2,57,900
Face value	34,66,000	20,93,500	28,64,000	17,85,600	2,57,900
	at 113	at par	at par	at 96	at 82
Market value	39,16,580	20,93,500	28,64,000	17,17,056	2,11,478
Difference between face value and actual value	+ 4,50,580	.....	.....	—71,544	—46,122

EXPENDITURE ON LOAN WORKS.

Appendix No 9.

48. The total outlay on Loan Works during the year (excluding Plague expenditure which was met from current revenue) aggregated Rs. 25,08,990-9-6 against Rs. 21,85,805-10-10 in the preceding year, showing an increase of Rs. 3,23,184-14-8. The above expenditure was distributed as under and as compared with the Revised Estimates shows large variations:—

		Revised Estimates.			Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
A.	Buildings and Sanitary Structures...	4,77,783	5	0	2,94,720	12	5
B.	Roads and Overbridges	14,81,021	7	4	11,14,420	15	11
C.	Drainage	12,80,037	14	2	8,75,056	11	7
D.	Water Works	3,46,624	2	0	1,98,144	4	9
E.	Cemeteries	50,539	6	0	23,330	6	5
F.	Disposal of Town Sweepings ...	.....			2,806	13	5
G.	Miscellaneous	17,314	7	3	510	9	0
	Total Rs. ...	36,53,320	9	9	25,08,990	9	6

The principal works on which lapses occurred were :—

Construction of Overbridges in the City	Rs.	2,76,710
Relieving the Surcharging of Sewers	,,	2,09,611
Sealed sewage main from Elphinstone Road to Worli Road ...	,,	39,198
Storm-water drain along Connaught Road	,,	53,295
Replacing the 32" main North of Coorla by 48" main	,,	53,940
Total ...	Rs.	6,32,754

The balance of Rs. 5,11,576 is due to several smaller works, on very many of which the outlay for the year was over-estimated.

The original estimates for the year aggregated Rs. 48,96,753-12-10 against which, it will be seen, the actual expenditure was only Rs. 25,08,990-9-6. It is not, therefore, surprising that our loan balances at the close of the year aggregated Rs. 21,28,575-12-8. This Department cut down estimates considerably, as far as it thought safe in view of the small cash revenue reserve balances at its disposal. The remedy for overborrowing must rest primarily with Executive Officers. The interest we pay at 4 per cent. on overborrowed capital is always made up by investment of unutilized capital, but by our present methods we pay unnecessary Sinking Fund charges, and now that our revenue balances have been worked up, it will be safe to cut down arbitrarily, if necessary, basing our action on past experience, the swelled estimates submitted by Executive Officers, meeting any deficit, should it occur, temporarily from Revenue balances. This course, however, would be avoided if Executive Officers pushed on works as zealously in practice as they do in imagination.

PLAGUE EXPENDITURE.

Appendix No. 9A.

49. The charges booked on account of Plague operations during the year, as shown in Appendix No. 9 A, amounted to Rs. 1,87,234-5-11 against Rs. 2,00,915-0-5 in the preceding year, showing a decrease of Rs. 13,680-10-6. The actual liabilities incurred, however, amounted to more than the charges booked.

The total expenditure incurred on Plague from the commencement of operations to the close of the year under report aggregates Rs. 74,18,547, and was financed as under :—

		Rs.
(1)	From the 20 Lakhs Plague Loan	20,00,000
(2)	From the Government Contribution	14,50,000
(3)	Amount recovered from the City Improvement Trust under Section 79 (3) b (i) and (iii) of their Act and transferred to meet the liability incurred out of Loan Funds ...	16,00,000
(4)	Advance from Loan Funds	9,10,052
(5)	From Current Revenue	14,58,495
	Rs. ...	74,18,547

As pointed out last year there was an outstanding of Rs. 1,11,017-7-3 in Advance Account, which had hitherto been taken as recoverable from Government. A careful analysis of the case submitted under my No. 10760 of 21st February 1910 showed that Government could really be charged with only Rs. 61,000, and a representation to that effect was made to Government, but they have replied that they cannot re-open the question without reconsidering the very liberal contributions they have already given to the Municipality. As a matter of precaution I have accordingly ceased to treat any portion of the sum as recoverable.

LIABILITIES AND ASSETS.

Appendix No. 10.

50. The gross liabilities of the Corporation were Rs. 5,77,22,417-10-10 at the beginning of the year against Rs. 5,90,66,677-11-3 at its close, showing an increase of Rs. 13,44,260-0-5

caused by the raising of the second instalment of 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City during the year.

Assets.

		Rs.	a.	p.	Rs.	a.	p.
A.	Cash and paper available for Expenditure on Revenue and Capitals Projects——						
	(1) Cash Balance...	2,88,472	4	3			
	(2) Surplus Funds Deposits	34,89,936	15	6			
	(3) Loan Funds	21,28,575	12	8			
					59,06,985	0	5
B.	Sinking Funds Investments				1,04,68,215	7	8
C.	Special Funds Investments				7,72,704	5	8
D.	Advances recoverable, Paper Deposit and other items				4,19,151	15	7
E.	Reserve Stock				5,09,340	7	0
F.	Properties				6,38,80,180	2	2
G.	Debt due by the City Improvement Trust for land transferred ...				17,30,293	5	11
				Rs. ...	8,36,86,870	12	5

51. Comparing the booked assets with the liabilities it will be seen that the former exceeded the latter by Rs. 2,46,20,193-1-2, showing an increase of Rs. 20,10,954-1-6 on the preceding year. An explanation of the increase in the invested balances is dealt with under the head "Investments and Invested Balances" (paras. 52-56). "Debt" will be found treated of in para. 44, "Deposits," "Advances recoverable" and other "Debt" heads are dealt with under "Suspense Accounts" (para. 65 *et. seq.*), where remarks on the Reserve Stock will also be found.

The question of the revision of the valuation of our properties, it may be pointed out, still remains *in statu quo*.

Investments and Invested Balances.

52. When the original Budget Estimates for 1910-1911 were framed, a sum of Rs. 1,20,000 was estimated to be derived from interest on Investments of Surplus Loan and other balances. The actual realizations, however, amounted to Rs. 2,00,961 or Rs. 80,961 in excess of the original estimates. This was due to the large additions made to the Surplus Fund in consequence of increased income and decreased expenditure, both in Revenue and loan works. The Income was derived from the following sources :—

(1)	On Current Account Deposits at 1, 2 and 2½ per cent. ...	... Rs.	11,657
(2)	On Fixed Deposits	... „	1,41,728
(3)	On Investments in Government and other securities ...	... „	47,576
		Rs. ...	2,00,961

53. Inclusive of investments on account of the Sinking, Insurance, Worn-out Mains Renewal and Net Premia Funds, the total sum of Investments and Re-investments arranged for by this Department during the year aggregated Rs. 1,94,66,000, thus—

(1)	Current Account Deposits	... Rs.	37,11,000
(2)	Fixed Deposits	... „	1,30,50,000
(3)	Investments in Public Securities	... „	15,95,500
(4)	Sinking and Special Funds	... „	11,09,500
		Rs. ...	1,94,66,000

54. The average rate of interest on fixed deposits was 4·101 per cent. against 4·274 per cent. in the preceding year. The rates realized for fixed deposits from 28 days to 6 months ranged from 2 per cent. to 6 per cent. The maximum rate realized in the preceding year was 6¼ per cent.

55. It will be observed from Appendix No. 10B that the invested balances at the close of the year stood at Rs. 1,71,27,932-9-6, or Rs. 10,29,260-11-2 more than the preceding year.

56. The Surplus Funds Investments for the year under review show a large increase owing to the increase in our Revenue Reserve Balances. The decrease under the Loan Fund balances is due to restriction of borrowing. The growth of the Sinking Funds requires no explanation.

SPECIAL FUNDS.

Fire Insurance Fund.

57. The investment of the annual instalment of Rs. 5,000, plus the investment of accrued interest on invested balances, swelled the fund from Rs. 1,24,993-9-2 on 31st March 1910 to Rs. 1,35,219-1-6 at the close of the year, thus showing an increase of Rs. 10,225-8-4.

WORN-OUT WATER MAINS RENEWAL FUND.

58. No special contribution was made to this fund from revenue sources during the year. As the amount expended on renewal work was large this year, amounting to Rs. 41,465-5-8, the fund with the interest realized from invested balances decreased from Rs. 5,73,525-15-3 at the close of the past year to Rs. 5,56,776-11-11 at the close of the year under review.

NET PREMIA FUND.

59. The amount to the credit of this fund stood at Rs. 56,592-15-0 at the beginning of the year. Although discount, printing, advertisement, &c., charges were paid out of this fund in connection with the 2nd instalment of 15 Lakhs of the 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges raised during the year, the fund swelled to Rs. 80,708-8-3. The increase of Rs. 24,115-9-3 was due to the interest realized on the invested balances to the credit of this fund, to the sale of water marked paper and to premium realizations on the investment of Sinking Fund instalments.

WATER WORKS ACCOUNT.

APPENDIX No. 11.

Income and Expenditure Account.

60. In the original Budget Estimates, the Water Works income was placed at Rs. 19,50,000 and the expenditure at Rs. 19,42,582, showing a surplus of Rs. 7,418. The actual income, however, amounted to Rs. 20,15,434-11-7 (excluding items aggregating Rs. 1,89,802-13-7 on account of interest on investments on the worn-out water mains renewal and water works portion of the net premia funds and on investments of the water works portion of the 5, 4, and 3½ per cent. Municipal Loans Sinking Funds which also appear on the expenditure side). There was thus an increase of Rs. 65,434-11-7 under income on the budget estimate of Rs. 19,50,000. Excluding the items of investments amounting to Rs. 1,89,802-13-7 above referred to, the expenditure amounted to Rs. 18,85,050-6-3 or Rs. 57,531-9-9 less than the estimate. Adding to the estimated surplus of Rs. 7,418 the excess of income amounting to Rs. 65,434-11-7 and savings in expenditure amounting to Rs. 57,531-9-9, we get a net surplus revenue of Rs. 1,30,384-5-4, as shown in Appendix No. 11.

61. As compared with the preceding year the income for the year under report (excluding the items of interest) shows a decrease of Rs. 6,392-12-7, which was due to reduction in taxation as already explained in para 3. The expenditure shows a small increase of Rs. 5,024-8-0.

ASSETS AND LIABILITIES.

Appendix No. 12.

62. The payment of Rs. 21,058-4-8 made to Government towards the reduction of the Vehar Debt and of Rs. 37,490-11-6 towards the repayment of the Water Works portion of the Drainage Loan of 1878, reduced the liabilities from Rs. 2,53,05,058-14-0 at the close of the preceding year to Rs. 2,52,46,509-13-10 at the close of the year under report.

63. The assets aggregated Rs. 3,46,87,109-7-6 against Rs. 3,41,64,992-9-7 at the close of 1909-10, showing an increase of Rs. 5,22,116-13-11 which was made up of (1) works executed out of different loans and savings on loans (*vide* Appendix No. 9) and (2) additions made to the Sinking and Net Premia Fund Investments.

64. From Appendix No. 12 it will be seen that the excess of assets over liabilities amounted to Rs. 94,40,599-9-8 or Rs. 5,80,665-14-1 in excess of the amount shown in the report for the preceding year.

SUSPENSE ACCOUNTS

A—Deposits.

65. The cash deposit outstandings at the close of the year aggregated Rs. 4,35,563-2-3 against Rs. 4,80,755-7-9, and were made up of—

		Rs.	a	p.
(1)	Cash Deposits from Contractors ...	1,72,888	13	1
(2)	Cash Deposits received through Departmental Officers	77,531	15	8
(3)	Other Cash Deposits	1,64,100	10	7
(4)	Deposits on account of works performed for private parties	21,041	10	11
	Rs. ...	4,35,563	2	3

B—INTER-DEPARTMENTAL CHARGES.

1. Workshops.

66. The opening balance was Rs. 15,483-3-0 or Rs. 7,753-0-6 less than in the preceding year.

The cost of labour and supervising staff employed, and of stores used on the works turned out in the shops during the year amounted to Rs. 1,71,692-9-0 against Rs. 1,67,348-1-11 in the previous year. The total outlay in the Workshops during the year, together with the opening balance, aggregated Rs. 1,87,175-12-0.

The recoveries made during the year, including Rs. 87-12-0 realized by the sale of saw-dust, Rs. 2,734-3-10 realized by the sale of unserviceable stores and Rs. 35-10-0 realized on account of ground rent, amounted to Rs. 1,74,386-10-11 and the outstanding at the end of the year, including incomplete jobs and value of stores issued in March, aggregated Rs. 12,915-10-0. The net profit of the Workshops was estimated at Rs. 10,000, but the result was a net profit of Rs. 126-8-11, owing to the heavy ground rent of Rs. 14,772-9-9 payable to Government having now been included in the Workshops accounts during the year.

The outstandings are made up of the following items :—

	Rs.	a.	p.
Stores issued in March 1911 and charged in the accounts for 1910-11 under the system of Stores Account	6,533	14	1
Outstanding bills	3,344	1	7
Incomplete jobs	3,037	10	4
Rs.	12,915	10	0

By charging 25 per cent. on all jobs the sum of Rs. 32,315-4-2 was obtained, adding to which (1) the sum of Rs. 2,357-9-10 realized by the sale of unserviceable stores, saw-dust and ground rent and (2) Rs. 3,435-7-4. the profit realized by the hire of the pumping engine, &c., the gross profits of the shop aggregated Rs. 38,608-5-4 from which the following shop and supervision, &c., charges amounting to Rs. 38,481-12-5 had to be met, showing a small net profit of Rs. 126-8-11 as stated above :—

		Rs.	a.	p.
1.	Supervising Establishment	27,109	0	9
2.	Shop charges	11,372	11	8
	Rs.	38,481	12	5

2. *Other Works.*

67. The outstanding balances on 31st March 1911 in respect of Departmental and Private Works executed by different branches of the Executive Engineer's Department, excluding Workshops, are contrasted below with those on 31st March 1910. The account shows a marked improvement in the recoveries and adjustments made during the year, except in the case of the Roads and Buildings Branch and the Health Department and an Analysis of these accounts will be undertaken forthwith—

	Balance on 31st March 1910.	Balance on 31st March 1911.	More.	Less.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A—Departmental Works.					
(1) Drainage Branch.	2,088 3 1	(*a*)1,078 7 0	.....	1,009 12 1	(*a*) Out of this Rs. 505-9-4 represent the value of stores issued in March 1911 and included in the accounts for 1910-11.
(2) Roads and Buildings Branch.	3,586 15 6	(*b*)6,621 8 3	2,534 8 9	.....	(*b*) Out of this Rs. 658-5-0 represent the value of stores issued in March 1911 and included in the accounts for 1910-11.
(3) Water Works Branch.	6,370 1 1	(*c*)2,774 9 0	.....	3,595 8 1	(*c*) Out of this Rs. 2,473-15-2 represent the value of stores issued in March 1911 and included in the accounts for 1910-11.
Rs. ...	12,045 3 8	10,474 8 3	2,534 8 9	4,605 4 2	
B—Private Works.					
Drainage Branch.					
On account of house connection works.	3,429 15 4	.....	.....	3,429 15 4	
On account of Ordinary Works.	344 0 4	497 11 7	.....	346 4 9	
Total Drainage Branch.	4,273 15 8	497 11 7	.....	3,776 4 1	
Roads and Buildings Branch.	6,384 2 11	5,953 10 2	.....	430 8 9	
Water Works Branch.	973 14 7	(*d*) 838 7 6	.....	145 7 1	(*d*) Out of this Rs. 530-12-1 represent the value of stores issued in March 1911 and included in the accounts for 1910-11.
Health Department (Removing Chokes).	8,320 0 0	(*e*)10,879 9 1	2,559 9 1	.....	(*e*) The outstandings are partly for the year 1904-05, partly for the year 1906-07, partly for 1907-08, partly for 1908-09, partly for 1909-10 and partly for 1910-11. The house-owners refuse to pay these bills. The Municipal Solicitors having advised that the whole of these bills are not recoverable, steps are being taken to recover as many as can be recovered and for the remaining a write-off will be applied for.
Rs. ...	19,952 1 2	18,159 6 4	2,559 9 1	1,352 3 11	

C.—*Advances to Contractors.*

68. The outstandings at the close of the year amounted to Rs. 17,298-9-8 against Rs. 30,478-3-2 during 1909-10. Of this Rs. 16,339-14-9 have already been recovered during 1911-12.

D.—*Miscellaneous.*

69. Out of the outstandings of Rs. 40,860-13-5 the following are the principal items :—

		Rs.	a.	p.
(1)	Expenditure in the suit filed by the Tramway Co. against the Municipality	4,410	5	7
(2)	Arbitration and other expenses in connection with the purchase of the Tramways	5,623	14	10
(3)	Acquisition of land beyond the regular line of the street to be adjusted against the sale proceeds of land	14,030	1	4

As regards the first two items, the outstanding is due to the Tramway Co. disputing to pay certain items. As soon as the dispute is settled, necessary adjustment will be made.

The amount of item No. 3 will be adjusted from time to time as the land is sold.

E.—*Charges recoverable from Government.*

70. The large outstanding under this head of Rs. 1,11,017-7-3 which, as already stated in previous reports, dates back to the accounts for 1904-05, I have treated as a precautionary measure "as irrecoverable" for the reasons advanced in para. 49.

F.—*Reserve Stock.*

71. The receipts of general stores during the year as per my books aggregated Rs. 5,15,311-4-3 and the issues Rs. 6,59,143-6-5. There was thus the very great decrease of Rs. 1,43,832-2-2 in the balance of current stores. There was a further reduction during the year in the balances of Surplus and Obsolete Stores from Rs. 45,050-8-5 to Rs. 43,086-12-0, and the action since taken will have the effect of practically wiping out this fictitious asset. When it is called to mind that when the question of the necessity for a Central Stores Department was first taken up by me, practically all Departments of the Municipality except the Water and the Drainage were supplied direct by Contractors and yet the balance of reserve stock stood at over Rs. 9,00,000 and of this over Rs. 4,00,000 consisted of Surplus and Obsolete Stores, it will, I trust, be recognized that the preaudit check instituted has had the most beneficial results in eliminating fictitious assets and in preventing capital being uselessly locked up and an unnecessary accumulation of stores.

The stock was not verified by an independent verifier during the year, the services of a suitable man not being available. Arrangements, however, are being made to procure a suitable man.

The balances of the general, *i. e.*, current stores are compared below for the last five years :—

	Rs.	a.	p.
Balance at the close of 1906-07	3,37,244	9	10
Balance at the close of 1907-08	4,58,055	15	11
Balance at the close of 1908-09	4,89,688	4	1
Balance at the close of 1909-10....	4,89,841	0	8
Balance at the close of 1910-11	3,46,008	14	6

A test-audit of the accounts of the department was conducted during the months of May and June 1911, and the results indicate that in many directions there has been a falling off in efficient working and effective control. A detailed report will very shortly be submitted.

72. The balance of Reserve Stock in hand at the close of the year as per the General Books of this Office amounted to Rs. 5,09,340-7-0 against Rs. 6,58,863-10-8 at the close of the preceding year, showing a decrease of Rs. 1,49,523-3-8 as detailed below :—

DEPARTMENTS.	1909-1910.			1910-1911.			More.	Less.
	Serviceable Stores.	Surplus and Obsolete Stores.	Total.	Serviceable Stores.	Surplus and Obsolete Stores.	Total.		
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Stores Department.	4,89,841 0 8	45,050 8 5	5,34,391 9 1	3,46,008 14 6	43,086 12 0	(a)3,89,095 10 6	.....	1,45,795 14 7
2. Water Works Imprest ...	978 0 3	.....	978 0 3	(b) 1,376 4 5	.....	1,376 4 5	398 4 2	.....
3. Executive Engineer's Department ...	2,006 13 11	.....	2,006 13 11	136 11 0	.....	136 11 0	.....	1,870 - 2 11
4. Line Suspense Account ...	1,20,987 3 5	.....	1,20,987 3 5	1,18,731 13 1	.....	1,18,731 13 1	.....	2,255 6 4
5. Stock Adjustment Account.	.....	.....	.....	.....	(c)	.....	.....	.....
Total ...	6,13,813 2 3	45,050 8 5	6,58,863 10 8	4,66,253 11 0	43,086 12 0	5,09,340 7 0	398 4 2	1,49,921 7 10
						Less—Increase ... Rs.		398 4 2
						Net—Decrease ... Rs.		1,49,523 3 8

(a) The difference between this amount and that shown by the Storekeeper is Rs. 145-12-1, which is due to documents from Departments not coming to hand, and to some minor adjustments which will be made in the accounts for 1911-1912.

(b) Value of stores remaining unused on 31st March 1911 out of the temporary imprest allowed to the Water Engineer, pending issue of regular imprests to different Municipal Officers as laid down in the Stores Manual.

(c) There is a credit balance of Rs. 12,398-4-1 in this account on 31st March 1911.

Street Improvements.

73. During the year the provision on account of the acquisition of set-backs was as follows :—

	Rs.
Budget provision	1,00,000
Balance out of 15 Lakhs Loan for Street Improvements as shown in my last report	1,46,706
Advance from Surplus Loan and other balances pending subsequent adjustment against a New Loan to be raised.	4,00,000
	6,46,706

Against this sum Rs. 4,02,689 were expended, leaving a balance of Rs. 2,44,017 for meeting further claims.

The undischarged commitments, however, upto 30th June 1911, in regard to set-backs already acquired and sanctioned to be acquired amount to Rs. 11,18,973. Adding to this the amount paid from advances in 1910-11 (Rs. 1,55,983) and deducting Rs. 3,550, being the balance then available out of the grant of Rs. 1,00,600 provided from revenue, the total uncovered liabilities amount to Rs. 12,71,406. I have already in my No. 2878 of 4th July 1911 commented on the effect which the large expenditure on Street Improvements is having on our financial position and have respectfully advised the adoption of a settled and definite policy in view of the narrowing margin of our borrowing powers.

General Financial Position.

74. Including the year under review, the last three years have shown a decided excess of expansion of expenditure over revenue. The point has escaped the attention neither of the Standing Committee nor of the Corporation.

In one direction our financial position has been considerably strengthened, for the Surplus Cash Balance has been built up again to a point below which I do think that it ought not to be allowed to drop. That this has been achieved to a large extent by the levying of additional taxation will be considered a happy or unhappy circumstance according as the position is viewed from a practical or theoretical standpoint.

Having achieved this, however, it is necessary to remember that, in so far as it can be utilized for "General" against "Specific" purposes such as Fire and Water service, our taxation at present is at its maximum, except in the direction of the General Tax, where there is a margin of 1¼ per cent. This leaves a margin for borrowing powers for between Rs. 8,50,000 and Rs. 9,00,000 according as the estimate is based on our present or near prospective position, allowing for an expansion of Income.

Dealing with capital expenditure alone, we have already entrenched upon this Reserve for expenditure on set-backs and general purposes included in the 55 Lakhs Loan recently sanctioned by Government to the extent of Rs. 3,79,000, leaving a margin for borrowing powers of Rs. 5,21,000 *at the maximum.*

Our needs in regard to the new outfall at Worli and providing surface drainage and improved communications in the North of the Island principally work out to Rs. 1,00,00,000, involving an addition to our recurring debt expenditure of Rs. 6,10,000. It is true that this will be spread over a period of about three years, and our revenue is an elastic and expanding revenue, but even with this advantage it seems to me, as I have already stated, that the "prudential limit has been reached up to which we can increase our ordinary recurring expenditure without straining our taxable wealth to the utmost limits."

" Test Audit and Special."

A—Test Audit.

75. Fifty-six reports were sent in during the year as follows :—

Road Department	22
Drainage Department	10
Water Works Department	5
Health Department	15
Miscellaneous	4
	56

The accounts of Road Repairs continued to receive attention. I am unfortunately not yet able to obtain sufficient details of the work done on "patching" to obtain any accurate comparative analytical results, but in regard to "Full metalling" I would bring to notice that, reducing the rates for the two years to the same level, the expenditure on cartage was reduced by Re. 0-1-4 per 100 square feet, saving Rs. 3,085 or 11·5 per cent. of the total expenditure on this head. As stated I have not the details of "patching," but it is interesting to note that, while in 1908-09 with a rate of hire of Rs. 1-9-6 per labour cart and Rs. 1-6-0 per bullock pair per day, the expenditure on full metalling, patching and sandstoning amounted to Rs. 52,638 ; in 1909-10 at the same rate it totalled only Rs. 47,592, and in 1910-11, notwithstanding that the rates for hire increased to Rs. 1-11-0 per labour cart and Rs. 1-8-0 per bullock pair, the expenditure was reduced to Rs. 42,186. Taking further the expenditure on "scraping roads," the expenditure in 1908-09 and 1909-10 with the same rate for hire was Rs. 30,304 and Rs. 25,967 respectively. In 1910-11, with an increase in the rate of 2 annas per bullock pair or 9 per cent., the expenditure was still further reduced to Rs. 21,244, *i. e.*, a difference of Rs. 9,060 on 1908-09 or 30 per cent. Reducing 1908-09 and 1909-10 to the same level as 1910-11, the reduction per cent. is 36 per cent. on 1908-09 and 25 per cent. on 1909-10. The analysing and test-auditing of the road repairs accounts have been further improved during the year and results worked out showing comparative cost per 100 square feet in materials, labour and cartage in each Ward. Most divergent results have been revealed. Whereas in D Ward in the last quarter of the year *materials* per 100 square feet for roads metalled 2" to 3" cost Rs. 1-9-11, metalling with 1" to 2" in E Ward cost Rs. 1-15-7 and with 2" to 3" in E Ward cost Rs. 2-11-9 and in F Ward Rs. 2-5-2. Materials for metalling to depth of 3" to 4" in A, B and G Wards cost only Rs. 2-0-3, Rs. 2-6-2 and Rs. 2-8-3 and in B Ward to depth of 4" to 5" only Rs. 2-10-9, whereas the same depth of road in E Ward cost Rs. 4-8-8 and in F Ward Rs. 4-0-2. So also with "labour." In F Ward the cost per 100 square feet was Rs. 2-1-11 in case of metal 2" to 3" deep, and in each of the wards for metal 3" to 4" deep was :—

A...	...	Rs. 1-7-5
B...	...	„ 1-4-9
C...	...	„ 1-8-6
E...	...	„ 1-1-11
F...	...	„ 2-1-0
G...	...	„ 1-11-1

Again in F Ward the labour for metalling with metal 4" to 5" was Rs. 2-2-5 against Rs. 1-4-5 for E Ward. The result seems to show wastage in applying labour to works in some of the Wards.

Turning to "Road Watering," it is instructive to note that with the continuous test-audit of this outlay the expenditure both on labour and hire of bullock pairs diminished month by month, and whereas in March 1910 the outlay was :—

Labour...	...	Rs. 2,907
Bullock pairs ...	...	„ 4,933

in February 1911 the figures were :—

Labour...	...	... Rs. 2,222
Bullock pairs ...	...	,, 4,431

This reduction was effected notwithstanding the large area of new roads taken over from the City Improvement Trust. The extra grant of Rs. 12,000 applied for by the Engineering Department and sanctioned in Corporation Resolution No. 4815 of 7th November 1910 was accordingly not utilized.

It is necessary to further report only on the Health Department. Here test-audit was directed to the work done by carts, Halalcores and Bigaries and I trust you are satisfied that the results have been of some use in directing the attention of Supervising Officers to some weak spots in the administration. I have hopes that the final results may be a standardization of labour helping to secure more complete data and greater control over the vast labour staff of this Department. Whether as the result of test-audit or in consequence of the initiative of the Health Department, considerable savings have already been effected in the Halalcore staff. I regret I have not had time to work out the exact saving.

The test-audit of the Stores Department has already been commented on in para. 71.

The extra expenditure entailed on this Department in consequence of test-audit operations was only Rs. 3,665, a sum which, I trust, may be admitted has been well spent.

B—Special.

76. The further special work which has been engaging my attention has been the preparation of a manual for my office and the revision of the Stores Manual. The latter is all but complete. In the former the portion relating to the Cash Branch is approaching completion. With the heavy work of this Department, the completion of the Manual will be a matter of time, if it is to be creditably done.

Fire Brigade.

77. The Fire Brigade Tax realized during the year was Rs. 2,15,093-14-9 or Rs. 51,826-12-5 more than in the previous year. The expenditure on the Fire Brigade Department, including the cost of Motor steam fire engine and interest and Sinking Fund charges on the Fire Brigade Loan, was Rs. 1,75,989-10-3, thus resulting in a surplus of Rs. 39,104-4-6. The total surplus is thus increased from Rs. 83,250-2-0 to Rs. 1,22,354-6-6. Deducting from the latter figure the sum of Rs. 34,413 to be renewed in 1911-12 on account of charges incurred during 1910-11 but not paid before the close of that year, the net surplus to the credit of Fire Tax is reduced to Rs. 87,941-6-6.

General.

78. I append as usual the statement showing, as far as figures can show, the volume of work dealt with in my Department during the year under review as compared with previous years :—

YEARS.	NATURE OF WORK.				
	Cash payments to employés.	Receipt Vouchers.	Debit Vouchers.	Inward Letters.	Outward Letters.
	Rs.	No.	No.	No.	No.
1897-98	19,98,311	22,217	53,907	20,382	6,117
1908-09	31,71,350	36,096	84,474	* 18,671	11,176
1909-10	33,75,526	36,691	81,790	* 19,642	12,296
1910-11	30,95,813	37,351	90,419	* 17,878	11,410
Percentage of increase in 1910-11 over 1897-98.	55·51	68·11	67·73	13·89 Decrease.	86·52

* Exclusive of bills, summaries, muster rolls, &c., which have been separately numbered.

I also subjoin a statement showing the cost of my Department in 1910-1911 and 1897-1898, and the percentage of cost to Income and Expenditure :—

Year.	Cost of staff at maximum rates of pay.	Income.	Expenditure.	Percentage of cost of staff to income.	Percentage of cost of staff to expenditure.
	Rs.	Rs.	Rs.		
1897-98	62,754	(a) 67,98,566	(b) 69,96,969	·93	·89
1910-11	(c) 93,466	1,21,96,149	1,13,81,872	·76	·82
Increase	30, 712 or 48·94 per cent.	54,87,583 or 81·79 per cent.	42,84,903 or 61·33 per cent.	.....	.....

The percentage of cost of staff to Income and Expenditure for the year 1909-10 was ·84 and ·82 respectively.

Personnel.

79. I was away on privilege leave from the 25th July to the 24th October 1910 and my Deputy acted for me as usual, Mr. Bal Nilaji taking the place of my Deputy.

I cannot speak too highly of the willing way in which the whole of my staff worked throughout the year. They are an efficient lot of men generally.

Of my valued Deputy Mr. Maneckshah Cawashah Taleyarkhan I can add nothing to what I have again and again stated. His loyalty, steadfast devotion to work and zeal for the department are well known. He has earned my implicit confidence and keeps it.

Mr. Bal Nilaji Pitale and Mr. Merwanji Madon, my Assistants, continued to earn my approbation, as also Mr. Meherji Antia, my Head Audit Clerk. To Mr. Harischandra Ramchandra I am indebted for help in preparing the Accounts Manual. Mr. Ratanji E. Balsara worked with unflagging zeal in connection with Test Audit and Mr. Dadachanji looked very efficiently after the Investments and Sinking Fund Accounts. Mr. Gangudas Nagindas was of considerable value in helping to prepare the Budget.

80. The following are the Appendices attached to my report :—

No. 1. Revenue Account.

No. 2. Statement of Income realized during 1910-11.

No. 3. Statement of Town Duties collected and Refunds allowed in 1910-11.

No. 3 (*a*). Statement of Net Town Duties collected from 1901-02 to 1910-11.

No. 3 (*b*). Statement of Gross Town Duties levied during the five years ending 31st March 1911, Refunds allowed and the Net Income realized during that period.

No. 4. Statement showing the final sanctioned expenditure grants for 1910-11.

No. 5. Statement showing the expenditure for 1910-11 as compared with the final sanctioned grants and the actuals for the preceding year.

(*a*) Excluding a rebate of Rs. 4,37,055 to current revenue in respect of Plague expenses debited to revenue in 1896-97.

(*b*) Excluding Rs. 5,00,000 on account of Plague expenses debited to revenue in 1897-98, which were subsequently transferred to Loan Funds.

(*c*) Excluding cost of stores establishment transferred to General Stores and including Rs. 5,404 on account of Plague staff employed in this Department.

No. 6. Statement showing the Surplus Cash Balance on 31st March 1911.

No. 6 (*a*). Statement showing the amounts of loans raised, the expenditure incurred therefrom and the invested balances remaining on 31st March 1911.

No. 7. Statement showing the outstanding loans due by the Municipality on 31st March 1911.

No. 7 (*a*). Statement showing the amount which should have accumulated in the Sinking Fund on the basis of the fixed instalments and the amount actually invested upto 31st March 1911.

No. 8. Statement showing the interest outstanding on different Municipal Loans on 31st March 1911.

No. 9. Statement showing works executed out of Loan Funds during 1910-11.

No. 9 (*a*). Statement showing expenditure on Plague Operations for 1910-11 contrasted with the figures for 1909-10.

No. 10. Statement of Assets and Liabilities on 31st March 1911.

No. 10 (*a*). Statement showing expenditure on different Loan Works upto 31st March 1911.

No. 10 (*b*). Statement showing the Invested Surplus Loan and Reserve Fund Balances on 31st March 1911 as compared with those on 31st March 1910.

No. 11. Water Works Income and Expenditure Accounts.

No. 12. Water Works Assets and Liabilities.

No. 13. Statement of total Receipts and Disbursements for the year ending 31st March 1911.

No. 14. Statement of Liabilities incurred on Street Improvement and Rates and Amounts actually paid.

No. 15 & 15 (*a*). Statement of Income and Expenditure of the Bombay Municipality from 1865 to close of the financial year 1910-11.

No. 16. Contrasted statement of Income and Expenditure from the year 1865 to the Financial Year 1910-11.

I have the honour to be,

Sir,

Your most obedient servant,

W. E. WAITE,

Chief Accountant.

Appendix No. I.

Revenue Account for 1910-1911.

Revenue.	Amount.	Total.	Grand Total.
Taxation Proper.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Tax	45,76,754 5 9		
2. Wheel Tax and Tolls	4,72,198 5 4		
3. Town Duties	16,86,659 8 9		
4. Licenses	99,313 10 2		
5. Receipts from Government for Liquor Licenses.	1,43,750 0 0		
6. Receipts from Government for Tobacco Duty ...	2,59,907 6 7		
		72,38,583 4 7	
Services rendered.			
7. Halalkhore Tax	12,32,950 8 5		
8. Water Tax and other Miscellaneous Water Works Revenue	19,96,327 7 4		
		32,28,277 15 9	
Returns from Property and Miscellaneous.			
9. Market Receipts	4,88,198 14 5		
10. Public Gardens	9,831 8 3		
11. Tramway Rent	54,468 4 9		
12. Contribution from Municipal Servants towards Pensions, &c., Fund	37,994 13 3		
13. Interest on Investments of Rs. a. p. Surplus Loan and other Balances... ... ... 2,00,961 2 6 Interest on Sinking Insurance, Worn-out Water Mains Renewal, and Net Premia Funds Investments 4,48,060 7 6	6,49,021 10 0		
14. Interest at 3 per cent. on Corporation lands made over to C. I. Trust	87,341 0 9		
15. Payment by the City Improvement Trust of Credit Balance in General Account under Section 79 of Act IV of 1898	52,615 1 3		
16. Miscellaneous (a)	3,99,316 7 9	17,29,287 11 8	1,21,96,149 0 0
		Total Rs. ...	1,21,96,149 0 0

Expenditure.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. General Superintendence	2,89,087 7 4		
2. Assessment and Collection and Revenue and Refund Audit Departments	3,85,546 3 9		
3. Fire Brigade	1,75,989 10 8		
4. Public Gardens—Maintenance and New Works.	91,209 15 6		
5. Public Works (Engineer's) Department... ...	22,59,820 0 10		
6. New Works	1,69,109 3 10		
7. Public Health Department	20,88,709 9 9		
8. General Stores	31,062 7 7		
9. Census	14,827 11 10		
10. Education	4,17,124 5 5		
11. Hospitals	4 64,416 5 8		
12. Pensions, Gratuities and Compassionate Allowances	84,293 13 1		
13. Contribution to the City Improvement Trust ...	8,35,000 0 0		
14. Plague Expenses	1,87,234 5 11	74,93,481 4 8	
15. Municipal Debt—			
Interest and Charges on Loans	24,67,151 4 0		
Reduction of debt and payment of Sinking Fund, including investment of interest accrued on Sinking Fund	11,40,417 4 1	36,07,568 8 1	
16. Investments—			
Municipal Buildings Fire Insurance Fund ...	5,000 0 0		
Interest on the Insurance, Worn-out Water Mains Renewal, and Net Premia Funds ...	44,473 6 2	49,473 6 2	
17. Miscellaneous (b)	1,31,398 8 9	1,12,81,871 11 8	
Excess of Income over Expenditure ...		9,14,277 4 4	
Total Rs. ...		1,21,96,149 0 0	

	Rs. a. p.
(a) Miscellaneous Fines	13,935 6 5
Do. Receipts...	2,47,468 9 5
Do. Fees	1,16,403 9 3
Do. Savings	9,747 8 11
Profit on Municipal Workshops	126 8 11
Actual Profit on sale of Stores to Contractors, &c.	6,889 12 4
Sale-proceeds of unserviceable Tools and Plant, &c.	4,745 0 6
Total Rs.	3,99,316 7 9

	Rs. a. p.
(b) Discretional Contingencies	4,334 2 4
Auditors' Allowance	10,000 0 0
Local Allowance	56,158 8 11
Grain Compensation to peons, &c.	*Cr.* 0 14 5
Loss on account of irrecoverable bills written off	4,075 9 2
Rebate to the Bombay Improvement Trust under Section 73 (3) of Act IV of 1898 .	53,300 0 0
Cost of caskets and the addresses presented to the Retiring Viceroy and the Viceroy Designate	2,711 0 9
Cost of preparing the address of condolence to His Majesty the King-Emperor on the lamented death of His Majesty King Edward VII, Emperor of India, and other expenses in connection with the mournful event	820 2 0
Total Rs.	1,31,398 8 9

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner for the City of Bombay.

Appendix

IN

STATEMENT showing the Net Receipts during the Financial Year 1910-11 from all sources as con-

PARTICULARS.	Actuals for 1909-10.	Budget Estimate for 1910-11.	Revised Estimate for 1910-11.	Actuals for 1910-11.
1	2	3	4	5
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.
Taxation Proper.				
General Tax at 10½ per cent. (including Government and Port Trust Contributions) ...	at 9½ per cent. 38,05,816 5 6	43,77,812	44,48,067 0 0	43,61,660 7 0
Additional at ½ per cent. for Fire Brigade charges	at ½ per cent. 1,63,267 2 4	2,16,188	2,19,658 0 0	2,15,093 14 9
	39 69,083 7 10	45,94,000	46,67,725 0 0	45,76,754 5 9
Wheel Tax and Tolls	5,01,553 7 4	4,25,000	4,80,000 0 0	4,72,198 5 4
Town Duties	14,23,491 0 7	15,80,000	16,00,000 0 0	16,86,659 8 9
Licenses—				
(a) Dangerous and Offensive Trades ...	84,344 0 0	85,000	85,000 0 0	87,810 8 0
(b) Streets and Buildings	6,840 0 0	5,000	5,000 0 0	3,795 0 0
(c) Land Conveyance, &c., Licenses ...	6,569 10 3	2,000	7,700 0 0	7,708 2 2
Receipts from Government for Liquor Licenses.	1,43,750 0 0	1,44,000	1,43,750 0 0	1,43,750 0 0
Do. do. Tobacco Duty ...	2,80,615 13 4	2,80,000	2,75,000 0 0	2,59,907 6 7
	64,16,245 7 4	71,15,000	72,14,175 0 0	72,58,583 4 7
Services rendered.				
Halalkhore Tax	11,92,245 11 9	12,22,000	12,30,000 0 0	12,32,950 8 5
Water Tax and other Misc. Water Works Revenue	20,11,788 2 2	19,40,000	19,95,000 0 0	19,95,327 7 4
	32,04,133 13 11	31,62,000	32,25,000 0 0	32,28,277 15 9
Returns from Property and Miscellaneous.				
Market Receipts	4,67,257 14 0	4,85,000	4,87,000 0 0	4,88,198 14 5
Public Gardens	9,563 15 6	10,000	10,000 0 0	9,831 8 3
Tramway Rent	54,448 6 8	55,000	55,000 0 0	54,468 4 9
Miscellaneous Fines	11,697 1 8	11,000	12,000 0 0	13,935 6 5
Do. Receipts	1,90,728 11 10	1,75,000	1,75,000 0 0	2,17,468 9 5
Do. Fees	1,10,850 9 9	1,05,000	1,16,000 0 0	1,16,403 9 3
Do. Savings	14,231 3 7	7,000	9,000 0 0	9,747 8 11
Contribution from Municipal Servants towards Pension, &c., Funds	60,892 11 9	27,000	35,000 0 0	37,994 13 3
Profit on Municipal Workshops	*Dr.* 908 14 8	10,000	.....	126 8 11
Actual Profit on sale of Stores to Contractors, &c.	1,524 1 6	3,000	6,000 0 0	6,889 12 4
Sale Proceeds of Unserviceable Tools and Plant, &c.	7,808 0 4	5,000	5,000 0 0	4,745 0 6
Interest on Investments of Surplus Loan and other Balances	1,36,099 7 9	1,30,000	1,70,000 0 0	2,00,961 2 6
Interest on 5, 4, and 3½ per cent. Municipal Loans Sinking Fund Investments	3,71,842 12 8	4,02,300	4,02,300 0 0	4,03,587 1 4
Interest on Municipal Buildings Fire Insurance Fund Investments	4,856 1 0	5,300	5,300 0 0	5,225 8 4
Interest on Worn-out Water Mains Renewal Fund Investments	24,804 14 4	26,300	26,200 0 0	24,716 2 4
Interest on Investments of the Net Premia, &c., Fund	11,250 15 4	6,200	6,200 0 0	14,581 11 6
Interest at 3 per cent. on Corporation lands made over to City Improvement Trust... ...	41,241 0 0	15,000	41,000 0 0	37,841 0 0
Payment by the City Improvement Trust of Credit Balance in General Account under Section 79 of Act IV of 1898	.....	.....	60,000 0 0	52,615 1 3
Amount received from the City Improvement Trust to be transferred to the Net Premia Fund	76,005 9 6	.....	.....	.....
	15,93,484 12 6	14,68,000	16,15,000 0 0	17,29,287 11 8
Total Rs. ...	1,12,13,864 1 9	1,17,45,000	1,20,54,175 0 0	1,21,96,149 0 0
				Less
				Net Increase Rs.

W. E. WAITE,

Chief Accountant.

No. 2.

COME.

trasted with the Original Budget Estimate, the Revised Estimate and the Actuals for 1909-10.

As compared with the Original Estimate.		As compared with the Revised Estimate.		As compared with the Actuals for 1909-1910.	
More.	Less.	More.	Less.	More.	Less
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	16,151 9 0	.....	86,406 9 0	5,55,844 1 6	.....
.....	1,094 1 3	.....	4,564 1 3	51,826 12 5	.....
.....	17,246 10 3	.....	90,970 10 3	6,07,670 13 11	.....
47,198 5 4	.....	42,198 5 4	.....	.....	29,355 2 0
1,06,659 8 9	.....	86,659 8 9	.....	2,63,168 8 2	.....
2,810 8 0	.....	2,810 8 0	.....	2,966 8 0	.....
.....	1,205 0 0	.....	1,205 0 0	.....	2,545 0 0
5,708 2 2	.....	8 2 2	.....	1,138 7 11	.....
.....	350 0 0	.....	.....	.....	.....
.....	20,092 9 5	.....	15,092 9 5	.....	20,706 6 9
1,62,376 8 3	38,793 3 8	1,31,676 8 3	1,07,268 3 8	8,74,944 6 0	52,606 8 9
10,950 8 5	.....	2,950 8 5	.....	40,604 12 8	.....
55,327 7 4	.....	327 7 4	.....	.....	16,460 10 10
66,277 15 9	.....	3,277 15 9	.....	40,604 12 8	16,460 10 10
9,198 14 5	.....	1,198 14 5	.....	20,941 0 5	.....
.....	168 7 9	.....	168 7 9	267 8 9	.....
.....	531 11 3	.....	531 11 3	19 13 1	.....
2,935 6 5	.....	1,935 6 5	.....	2,238 4 9	.....
72,468 9 5	.....	72,468 9 5	.....	56,729 13 7	.....
11,403 9 3	.....	6,403 9 3	.....	5,552 15 6	.....
2,747 8 11	.....	747 8 11	.....	.....	4,773 10 8
10,994 13 3	.....	2,994 13 3	.....	.....	22,397 14 6
.....	9,873 7 1	126 8 11	.....	1,936 7 7	.....
3,889 12 4	.....	889 12 4	.....	5,365 10 10	.....
.....	254 15 6	.....	254 15 6	.....	2,562 15 10
30,961 2 6	.....	30,961 2 6	.....	64,861 10 9	.....
1,287 1 4	.....	1,287 1 4	.....	31,744 4 8	.....
.....	74 7 8	.....	74 7 8	369 7 4	.....
.....	1,483 13 8	.....	1,483 13 8	.....	88 13 0
8,331 11 6	.....	8,331 11 6	.....	8,380 12 2	.....
22,841 0 0	.....	.....	3,159 0 0	.....	3,400 0 0
52,615 1 3	.....	.....	7,384 14 9	52,615 1 3	.....
.....	.....	.....	.....	.....	76,005 9 6
2,73,674 10 7	12,586 14 11	1,27,845 2 3	13,057 6 7	2,45,031 13 8	1,09,238 14 6
5,02,329 2 7	51,180 2 7	2,62,299 10 3	1,20,325 10 3	11,60,681 0 4	1,78,296 2 1
51,180 2 7		1,20,325 10 3		1,78,296 2 1	
4,51,149 0 0		1,41,974 0 0		9,82,384 14 3	

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT showing the quantity and value of several articles upon which Town Duty was

DUTY COLLECTED BY	GRAIN AND PULSE AT 6 ANNAS PER CANDY.			FLOUR OF ALL SORTS AT 75 PER CENT. OF THE RATE AT THE TIME BEING LEVIED ON THE GRAIN FROM WHICH FLOUR IS PREPARED.			WINE AND SPIRITS AT 4 ANNAS PER GALLON.			BEER AT 6 PIES PER GALLON.		
	Candies.	Furrah.	Amount of Duty.	Candies.	Furrah.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
BOMBAY PORT TRUST.			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.
April .. .. .. 1910.	120,029	..	45,248 6 0	.....	..	.....	84,478	6	21,619 11 1	67,492	..	2,106 5 0
May .. .. .. ,,	129,238	6	52,214 8 7	.....	..	.....	82,849	7	20,989 15 4	96,450	..	3,015 0 0
June .. .. .. ,,	138,212	1	52,204 9 2	.....	..	.....	73,241	6	18,810 7 9	91,145	..	2,848 4 6
July .. .. .. ,,	66,597	3	24,974 0 6	.....	..	.....	83,193	4	20,048 6 2	93,036	..	2,907 6 0
August .. .. .. ,,	75,013	2	28,129 15 6	4	..	1 2 0	72,458	1	18,114 8 8	1,13,858	..	3,558 1 0
September .. .. .. ,,	30,923	7	11,598 12 0	74	..	20 13 0	83,172	2	20,793 0 30	82,295	..	2,596 9 6
October .. .. .. ,,	30,996	1	11,623 8 9	.....	..	.....	84,216	3	21,554 1 4	1,01,026	4	3,157 6 3
November .. .. .. ,,	49,903	7	18,713 15 5	74	1	20 14 0	86,072	..	21,518 0 1	1,08,871	..	3,402 3 6
December .. .. .. ,,	27,823	3	10,437 8 0	4	3	1 5 0	102,417	6	26,604 6 10	1,36,426	..	4,263 6 0
January .. .. 1911.	84,418	6	31,657 0 3	18	2	3 11 0	83,198	5	20,799 2 6	96,266	..	3,008 6 0
February .. .. ,,	82,208	6	12,447 0 6	.....	..	.....	88,297	4	22,074 6 1	97,102	..	3,034 7 0
March .. .. .. ,,	69,027	7	25,885 7 6	3	3	0 15 0	101,221	5	25,180 6 3	1,02,688	4	3,193 4 3
Total ..	8,60,493	1	3,24,934 15 2	173	3	48 12 0	10,44,026	3	2,61,006 8 6	11,86,706	..	37,084 9 0
G. I. P. RAILWAY.												
April .. .. .. 1910.	73,541	2	27,577 15 6	195	1	54 14 0	164	..	46 0 0	118	..	3 11 0
May .. .. .. ,,	59,737	7	22,397 13 9	340	..	95 10 0	165	4	47 6 0	463	..	14 10 0
June .. .. .. ,,	22,178	5	8,317 0 0	.....	7	0 4 0	163	..	40 12 6	150	..	4 11 0
July .. .. .. ,,	37,853	5	14,195 2 0	.....	..	.....	45	..	11 4 0	100	..	3 2 6
August .. .. .. ,,	38,177	1	14,331 7 8	.....	2	0 1 0	89	4	22 6 0	374	..	6 11 0
September .. .. .. ,,	53,341	1	20,002 15 0	2	..	0 9 0	287	2	59 5 0	108	..	3 6 0
October .. .. .. ,,	52,641	1	19,515 7 0	.....	..	.....	136	..	34 0 0	114	..	3 9 0
November .. .. .. ,,	37,237	..	21,463 14 6	.....	7	0 4 0	194	..	48 8 0	98	..	3 1 0
December .. .. .. ,,	56,292	3	26,109 15 0	.....	..	.....	190	..	47 8 0	227	..	6 15 0
January 1911	1,34,736	..	50,514 4 0	3	..	1 13 0	190	..	47 8 0	683	..	21 8 0
February .. .. ,,	90,285	7	33,845 15 0	98	4	27 11 0	118	..	29 8 0	118	..	3 11 0
March .. .. .. ,,	60,690	7	22,744 1 0	2	7	0 15 0	162	..	40 8 0	803	..	25 4 0
Total ..	7,77,607	1	2,91,377 11 6	646	4	191 13 0	1,874	2	468 10 6	3,306	..	100 3 0
B. B. & C. I. RY. CO.												
April 1910	34,680	3	12,997 15 0	73	5	21 9 0	2	..	0 8 0	.....	..	.....
May .. .. .. ,,	67,079	..	25,379 10 0	86	4	24 5 0	8	..	2 0 0	.....	..	.....
June .. .. .. ,,	34,571	6	12,964 7 0	238	7	81 4 0	.....	4	0 2 0	.....	..	.....
July .. .. .. ,,	44,047	..	16,517 10 0	203	2	57 5 0	16	..	4 0 0	.....	..	.....
August .. .. .. ,,	59,491	4	22,275 9 0	164	..	46 2 0	.....	..	.....	.....	..	.....
September .. .. .. ,,	50,878	1	19,079 5 0	189	4	53 5 0	.....	..	.....	.....	..	.....
October .. .. .. ,,	44,338	..	16,626 0 0	134	1	38 15 0	50	..	12 8 0	48	..	1 2 0
November .. .. .. ,,	56,261	3	13,200 8 0	80	2	22 9 0	6	..	1 8 0	.....	..	.....
December .. .. .. ,,	54,308	7	20,365 13 0	582	3	164 1 0	50	..	12 8 0	.....	..	.....
January 1911	42,136	7	15,797 9 0	242	5	68 4 0	.....	..	.....	.....	..	.....
February .. .. ,,	42,214	3	15,830 6 0	120	1	33 2 0	14	..	3 8 0	.....	..	.....
March .. .. .. ,,	41,091	7	15,409 7 0	381	..	107 2 0	168	..	42 0 0	19	..	0 3 0
Total ..	5,50,517	1	2,06,443 14 0	2,573	2	723 15 0	314	4	78 10 0	64	..	2 0 0
GRAND TOTAL ..	21,84,017	3	8,22,756 8 8	3,393	1	954 8 0	10,46,215	1	2,61,553 15 6	11,89,976	..	37,186 12 0
Deduct— Refunds passed by the Revenue and Refund Audit Officer ..	10,11,890	6	3,79,271 9 9	95,921	1	26,977 13 0	92,954	..	23,238 8 0	2,28,570	..	25,822 13 0
Net Revenue ..	11,82,626	5	4,43,484 15 8	.....	..	.....	9,53,261	1	2,38,315 5 0	3,61,406	..	11,223 15 0
Less— Refunds passed in excess of Collections	.....	..	.....	92,528	...	26,023 5 0	.....	..	.....	.....	..	.....

ABSTRACT.

		Rs. a. p.	Rs. a. p.
Balance on 31st March 1910 due by—			
Port Trust		15,244 5 0	
G. I. P. Railway		11,454 1 3	
B. B. & C. I. Railway		825 1 0	
			28,853 7 3
Add—			
Collections in 1910-1911—			
Port Trust		27,31,554 15 2	
G. I. P. Railway		4,06,556 11 2	
B. B. & C. I. Railway		3,11,433 13 6	
			34,49,545 8 0
			34,78,098 15 3
Deduct—			
Refunds paid in 1910-1911		17,61,740 1 0	
	Rs. a. p.		
Balance on 31st March 1911 due by— Port Trust	8,360 0 6		
G. I. P. Railway ..	19,417 14 0		
B. B. & C. I. Railway ..	1,921 7 0		
		29,699 5 6	
			17,91,439 6 6
Total as per Books .. Rs.			16,86,659 8 9

W. E. WAITE,
Chief Accountant.

No. 3.

levied during 1910-11, under Section 192 (1) of the City of Bombay Municipal Act of 1888.

SUGAR AT 8 ANNAS PER CWT.				GHEE AT 10 ANNAS PER MAUND.			TIMBER AT 2½ PER CENT. ON MARKET VALUE.		FIREWOOD AT 2 ANNAS PER CANDY.				Total Monthly Collections.
Cwts.	qrs.	lbs.	Amount of Duty.	Maunds.	Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies.	Maunds.	Amount of Duty.		
			Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.			Rs. a. p.		Rs. a. p.
222,605	2	18	1,12,302 13 3	18,526	38	11,579 5 6	7,08,075 3 4	17,651 14 1	58,987	14	7,373 7 0		2,20,431 13 11
343,874	3	26	1,71,937 7 10	17,502	22	10,939 1 9	7,75,463 5 4	19,386 9 4	51,606	15	6,450 13 1		2,84,523 7 11
124,742	0	21	62,371 1 6	10,998	24	6,874 2 0	9,00,594 2 8	13,764 13 8	3,127	14	392 2 0		1,87,585 3 7
87,491	3	7	43,729 14 6	10,734	15	6,708 15 9	6,99,089 6 0	17,477 3 9	35	..	4 6 0		1,18,841 4 8
66,350	3	0	33,175 6 0	17,595	2	10,996 14 8	4,84,321 4 0	12,108 0 6	638	14	79 13 0		1,06,163 12 11
523,729	2	7	2,61,864 12 6	12,277	32	7,673 10 0	6,06,247 4 8	15,206 10 11	3,144	..	590 8 0		3,29,093 15 9
434,102	2	13	2,17,051 4 11	11,332	32	7,114 4 0	7,72,596 0 8	18,314 14 5	29,910	..	3,738 12 0		2,86,554 3 8
282,818	0	17	1,36,209 1 2	11,967	16	7,477 8 0	4,18,567 11 4	10,463 15 1	24,950	14	4,493 13 0		1,22,549 0 4
881,901	0	0	1,90,950 8 0	22,957	1	14,348 2 3	6,56,238 2 0	16,405 13 3	33,829	7	4,228 10 6		2,06,239 10 10
288,961	3	27	1,44,480 15 11	23,971	3	15,069 6 6	5,80,328 2 0	14,758 3 3	45,634	21	5,704 5 6		2,36,081 1 11
227,617	3	0	1,05,808 14 0	18,121	32	11,326 2 0	4,86,478 8 8	12,211 13 5	56,732	21	7,091 9 6		2,32,284 4 6
446,358	2	14	2,23,179 5 0	17,870	..	11,168 12 0	6,86,856 14 0	17,171 6 9	77,190	7	9,649 0 6		3,15,716 9 3
35,02,305	0	10	17,51,152 8 8	184,905	17	1,21,815 14 5	72,96,686 0 8	1,84,923 6 5	400,706	15	50,088 5 1		27,31,554 15 3
6,989	2	0	3,480 4 0	12,492	24	7,807 14 9	3,037 8 0	98 7 0	194	14	24 5 0		39,035 6 6
5,218	1	0	2,609 2 0	2,940	22	1,837 12 6	9,999 0 0	249 8 0	566	..	70 12 0		27,316 12 6
3,671	0	0	1,835 8 0	4,294	8	2,683 14 0	6,720 0 0	168 4 0	1,710	..	213 12 0		13,304 2 6
2,581	0	14	1,290 9 0	2,205	..	1,415 10 0	2,545 0 0	56 2 0	259	..	32 6 0		17,354 3 0
6,098	1	0	3,048 2 0	6,963	4	4,351 10 0	500 0 0	12 8 0	1,056	..	132 0 0		29,795 2 6
6,262	3	14	3,131 7 0	14,277	25	8,921 0 2	840 0 0	14 0 0	3,087	..	385 14 0		29,820 8 2
8,989	3	0	4,494 14 6	18,504	26	11,564 2 6	727 8 0	18 7 0	1,227	14	165 15 0		35,816 6 6
4,130	1	0	2,065 2 0	11,884	3	7,427 8 9	2,565 0 0	64 2 0	768	14	96 1 0		31,178 8 8
8,451	0	14	4,225 9 0	17,341	3	10,838 2 9	1,307 8 0	37 11 0	1,329	..	166 2 0		51,431 11 9
8,725	2	0	4,362 12 0	13,848	9	7,905 2 8	1,285 0 0	32 10 0	2,243	..	280 6 0		63,179 18 3
3,380	2	14	1,690 5 0	4,555	32	3,470 4 3	1,400 0 0	35 0 0	3,290	..	411 4 0		41,923 14 3
7,725	3	14	3,862 15 0	6,849	36	4,281 3 6	465 8 0	10 2 0	2,034	..	254 4 0		31,219 2 0
73,523	0	14	36,761 8 0	119,113	33	74,633 10 3	31,982 8 0	798 13 0	17,374	14	2,234 5 0		4,06,556 11 3
.....			.....	10,461	18	6,538 6 0	450 0 0	11 4 0	8,470	14	1,058 13 0		29,025 2 0
143	2	14	71 15 0	14,686	36	9,174 5 0	1,400 0 0	35 0 0	3,078	..	1,009 12 0		36,296 15 0
11	3	14	5 15 0	14,031	32	8,769 14 0	720 0 0	18 0 0	9,414	..	1,176 12 0		25,917 6 0
.....			.....	12,971	16	8,107 2 0	675 0 0	16 14 0	9,234	14	1,166 13 0		25,869 12 6
15	1	6	7 10 0	11,680	8	7,295 2 0	1,200 0 0	32 8 0	9,782	..	1,222 12 0		30,509 11 0
.....			.....	13,523	22	8,452 7 6	500 0 0	12 8 0	13,826	14	1,728 5 0		29,326 14 6
2	0	14	1 1 0	10,444	..	6,528 2 0	.....	.....	1,394	14	286 12 6		23,494 15 0
7	1	14	3 11 0	4,326	12	2,704 5 0	.....	.....	3,983	14	494 3 0		16,350 12 0
2	2	0	1 4 0	13,258	20	8,911 13 0	.....	.....	13,462	14	1,682 13 0		29,544 4 0
221	2	0	110 12 0	8,792	..	5,495 0 0	20 0 0	0 8 0	25 287	14	3,178 7 0		24,648 8 0
114	3	0	57 8 0	12,818	20	8,011 5 0	75 0 0	1 14 0	20,802	14	2,600 7 0		26,544 4 0
697	2	14	348 13 0	10,036	18	6,272 11 0	.....	.....	18,098	14	2,324 13 0		24,505 6 0
1,216	3	14	608 7 0	136,834	34	85,521 12 6	5,180 0 0	129 8 0	143,405	14	17,925 11 0		3,11,433 13 6
33,78,045	0	10	17,89,022 8 8	451,184	4	2,81,990 5 2	74,34,968 8 8	1,85,831 11 5	561,986	15	70,248 5 1		34,49,545 8 0
26,84,370	0	14	13,42,185 1 0	33,663	24	27,289 8 0	12,01,079 8 0	32,526 13 0	....	..	.....		18,57,376 1 0
8,93,674	3	21	4,46,837 7 8	407,509	20	2,54,687 13 2	61,32,996 0 8	1,53,724 14 5	561,986	15	70,248 5 1		16,18,192 12 0
.....			.....	....	..	.....	.....	.....	....	..	.....		26,013 5 0
											Net Revenue .. Rs.		15,92,169 7 0

P. R. CADELL,
Municipal Commissioner.

Appendix No. 3.A.

STATEMENT showing the net Revenue derived on different dutiable articles during the last ten years commencing from 1901-02 to 1910-11.

Articles.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 6.
Grain	2,61,194 0 0	2,98,984 0 0	2,78,048 0 0	3,15,734 5 9	2,77,592 8 11	3,00,796 3 6	2,90,720 4 0	3,22,386 2 0	2,70,212 1 9	1,43,181 15 8
	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 3.	@ annas 4½.
Flour	—18,856 0 0	21,741 0 0	22,942 0 0	—23,615 0 9	24,870 8 6	—23,630 15 0	—20,701 15 6	—16,150 11 9	—15,287 7 0	—26,023 5 0
	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.	@ annas 4.
Wines and Sprits ...	2,27,911 0 0	2,35,030 0 0	2,51,011 0 0	2,51,305 1 10	2,67,019 9 9	2,57,582 7 4	2,51,335 6 1	2,29,959 12 10	2,37,077 4 5	2,38,315 5 0
	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.	@ pies 6.
Beer	15,468 0 0	10,575 0 0	8,231 0 0	16,381 9 8	19,499 13 2	11,645 10 10	15,143 9 0	8,353 4 3	12,858 2 7	11,298 15 0

	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.	@ annas 8.
Sugar...	2,47,922 0 0	3,34,780 0 0	1,86,117 8 0	5,35,570 8 0	1,84,326 5 6	3,69,549 2 0	3,73,878 14 6	3,01,917 15 6	4,38,451 8 3	4,46,887 7 8
	@ annas 10.	@ annas 8.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.	@ annas 10.
Ghee	2,02,653 0 0	1,63,756 0 0	2,21,287 0 0	2,29,309 2 1	2,44,473 7 3	2,42,731 10 9	2,53,304 12 0	2,51,745 12 1	2,45,195 1 10	2,54,687 13 2
	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%	@ 2½%
Timber	1,08,796 0 0	1,04,358 0 0	1,29,304 0 0	1,45,269 8 4	1,64,802 3 1	1,77,011 10 4	1,52,349 0 4	1,64,969 12 11	1,74,592 10 10	1,53,324 14 5
	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	@ anna 1.	.....	.....	@ annas 2.
Firewood	42,159 0 0	34,754 0 0	36,067 0 0	36,824 11 9	36,467 12 9	36,168 12 3	13 6 0	.....	.....	70,248 5 1
Total Rs...	10,82,347 0 0	11,60,416 0 0	10,87,123 0 0	15,06,780 14 8	11,66,251 1 11	13,51,804 10 0	13,15,543 4 8	13,23,181 15 10	13,63,119 6 8	15,92,169 7 0

N.B.—This statement shows the net Revenue after deducting from gross collections refunds *passed* for payment by the Revenue and Refund Audit Officer, though such refunds may not actually have been fully paid.

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT showing the actual Collections, Refunds admitted and Net

ARTICLES.	1906-07.			1907-08.		
	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain	4,69,464 9 6	1,68,668 6 0	3,00,796 3 6	4,60,517 2 0	1,69,796 14 0	2,90,720 4 0
Flour	3,300 3 0	26,981 2 0	—23,680 15 0	648 3 6	21,345 3 0	—20,701 15 6
Wines and Spirits	2,57 045 13 4	19,463 6 0	2,37,582 7 4	2,73,655 0 4	22,319 10 0	2,51,335 6 4
Beer	53,578 10 10	41,933 0 0	11,645 10 10	51,899 13 0	36,756 4 0	15,143 9 0
Sugar	16,08,328 4 0	12,38,771 2 0	3,69,549 2 0	16,48,633 1 6	12,76,254 3 0	3,73,378 14 6
Rice	3,68,186 6 9	25,454 12 0	2,42,731 10 9	2,77,490 14 0	24,186 2 0	2,53,304 12 0
Timber	2,01,399 10 4	24,388 0 0	1,77,011 10 4	1,86,911 14 4	34,562 14 0	1,52,349 0 4
Firewood	86,168 12 3	.....	86,168 12 3	13 6 0	.....	13 6 0
Total Rs. ...	28,92,464 6 0	15,40,659 12 0	13,51,804 10 0	29,00,764 6 8	15,85,221 2 0	13,15,543 4 8

W. E. WAITE,
Chief Accountant.

No. 3-B.

Revenue during the five years from 1906-07 to 1910-11.

1908-09.			1909-10.			1910-11.		
Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.	Gross Collections.	Refunds.	Net Revenue.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
4,66,180 10 0	1,43,794 8 0	3,22,386 2 0	5,35,718 15 2	2,65,506 14 0	2,70,212 1 2	8,23,756 8 8	3,79,271 9 0	4,43,484 15 8
1,156 1 3	17,306 13 0	--16,150 11 9	879 9 0	16,147 0 0	--15,267 7 0	954 8 0	26,977 13 0	--26,023 5 0
2,51,471 5 10	21,511 9 0	2,29,959 12 10	2,61,242 15 5	24,165 11 0	2,37,077 4 5	2,61,553 13 0	23,238 8 0	2,38,315 5 0
32,933 9 3	24,580 5 0	8,353 4 3	37,519 13 7	24,661 11 0	12,858 2 7	37,186 12 0	25,892 13 0	11,293 15 0
14,96,188 11 6	11,34,270 12 0	3,61,917 15 6	16,15,909 12 3	11,77,458 4 0	4,38,451 8 3	17,89,022 8 8	13,42,185 1 0	4,46,837 7 8
2,79,579 13 1	27,834 1 0	2,51,745 12 1	2,72,708 11 10	26,513 10 0	2,45,195 1 10	2,81,971 5 2	27,283 8 0	2,54,687 13 2
1,98,682 5 11	33,712 9 0	1,64,969 12 11	2,06,550 12 10	31,958 2 0	1,74,592 10 10	1,85,851 11 5	32,526 13 0	1,53,324 14 5
.....	.....	.....	.....	.....	.....	70,248 5 1	.....	70,248 5 1
27,26,192 8 10	14,03,010 9 0	13,23,181 15 10	29,29,530 10 8	15,66,411 4 0	13,63,119 6 8	34,49,545 8 0	18,57,376 1 0	15,92,169 7 0

P. R. CADELL,
Municipal Commissioner.

Appendix No. 4.

CONTRASTED STATEMENT showing the Original Budget Grants for 1901-11, Renewed Grants for 1909-10 and previous years, Additional Grants, Transfers, Modifications as per the Revised Estimate for 1910-11, and the Grants as finally sanctioned.

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of the Excess Balances of the previous year's Budget grants for Expenditure in 1910-11 and of transfers sanctioned in 1909-10 but not utilised in that year and of Budget Grants for 1910-10, not wholly or partially utilised in that year.	Lapsed Grants for 1909-10 reviewed by the Standing Committee under Section 132.	*Add*—Transfers as per Section 131 (1) *b* and *c* and (2).	*Deduct*—Transfers as per Section 131 (1) *a* and *c*.	Total.	Less anticipated Savings as per Revised Estimate of Expenditure for 1910-11.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
GENERAL SUPERINTENDENCE—	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Corporation and Standing Committee Establishment ..	69,871 0 0	3,565 0 0	903 8 9	60 0 0	815 0 0	927 0 0	74,087 8 9	....	74,087 8 9
Municipal Commissioner's personal Office Establishment	68,365 0 0	3,638 0 0	....	....	350 0 0	....	72,333 0 0	....	72,333 0 0
General Office Establishment ..	89,9 8 0 0	7,308 2 10	660 0 0	30,936 7 7	1,931 0 0	350 0 0	1,29,351 10 5	....	1,29,351 10 5
Accounts and Expenditure Audit Establishment	88,398 0 0	....	....	....	....	90 0 0	88,308 0 0	....	88,308 0 0
Total Rs.	3,15,442 0 0	14,499 2 10	1,463 8 9	79,946 7 7	3,096 0 0	1,367 0 0	3,64,080 3 2	....	3,64,080 3 2
ASSESSMENT & COLLECTION DEPT.—									
Property and Wheel Tax Estt. ..	2,16,834 0 0	14 0 0	1,312 0 0	170 0 0	919 0 0	929 0 0	2,17,831 0 0	739 0 0	2,17,092 0 0
Town Duty Collection	1,91,090 0 0	....	....	3 12 0	8,000 0 0	800 0 0	1,98,503 12 0	....	1,98,503 12 0
Tolls Collection	660 9 0	....	....	36 9 7	....	....	696 9 7	....	696 9 7
Licensing Establishment	21,849 0 0	....	....	....	600 0 0	....	22,349 0 0	....	22,349 0 0
Revenue and Refund Audit Office Establishment	41,369 0 0	....	....	114 12 10	1,000 0 0	....	42,483 12 10	....	42,483 12 10
Total Rs.	3,81,912 0 0	15 0 0	1,312 0 0	325 5 5	10,439 0 0	1,429 0 0	3,91,864 3 5	739 0 0	3,91,125 3 5
FIRE BRIGADE	2,20,231 12 5	342 12 0	1,571 11 7	2,650 0 0	3,370 0 0	7,818 0 0	2,20,818 4 0	7,262 0 0	2,13,556 4 0
MAINTENANCE OF PUBLIC GARDENS.									
Victoria Gardens ..	68,963 0 0	261 0 0	7,398 14 10	18,270 1 11	800 0 0	1,300 0 0	93,973 0 9	5,500 0 0	92,473 0 9
Elphinstone Circle do. ..	1,798 0 0	....	260 0 0	132 3 9	....	....	2,190 3 9	280 0 0	2,170 3 9
Fairland Road do ..	432 0 0	....	....	25 10 8	....	....	537 10 8	75 0 0	462 10 8
Nowbhoor do ..	1,644 0 0	....	....	210 8 0	....	....	1,914 8 0	155 0 0	1,759 8 0
Sir C. Jahangir Mahim do. ..	652 0 0	....	....	....	....	....	652 0 0	350 0 0	302 0 0
Bazar Gate street do. ..	676 0 0	....	....	36 0 0	....	....	712 0 0	25 0 0	687 0 0
Dick's Tank do. ..	382 0 0	....	....	64 0 0	....	....	446 0 0	....	446 0 0
Malabar Hill do. ..	795 0 0	....	....	....	....	....	795 0 0	....	795 0 0
Esplanade do. ..	6,494 0 0	....	....	160 0 0	1,000 0 0	....	7,654 0 0	165 0 0	7,479 0 0
New Works	....	159 5 6	5,862 4 3	....	....	....	6,021 10 3	....	6,021 10 3
Total Rs.	81,967 0 0	450 5 6	13,501 3 7	19,458 8 4	1,800 0 0	1,300 0 0	1,15,987 1 5	2,500 0 0	1,13,487 1 5
PUBLIC WORKS (ENGINEER'S DEPARTMENT.)—									
I—*General Supervision and Miscellaneous Duties*	76,415 0 0	93 7 0	28 0 0	52 10 1	620 0 0	1,075 0 0	76,599 1 1	2,500 0 0	73,099 1 1
II—*Mechanical Branch*—									
A. Workshops	....	....	....	....	....	....	....	....	....
B. Maintenance of P. Station at Colaba ..	27,740 0 0	....	....	779 11 11	6,330 0 0	1,300 0 0	33,549 11 11	....	33,549 11 11
C. Do. of Love Grove P. Station ..	1,03,349 0 0	282 4 1	....	216 5 3	11,100 0 0	....	1,20,146 9 4	....	1,20,146 9 4
D. Do. of Air C. Station at Love Grove	81,310 0 0	9 4 0	....	300 0 0	5,415 0 0	2,000 0 0	85,034 4 0	....	85,034 4 0
E. Do. of Storm Water sluices ..	2,414 0 0	....	....	185 0 0	....	....	2,599 0 0	....	2,599 0 0
III—*Sanitary*—									
Disposal of Town sweepings ..	1,34,066 0 0	52 1 1	....	3,303 10 3	10 6 0	10 6 0	1,37,401 11 4	410 0 0	1,37,991 11 4
IV—*Drainage*—									
A. Miscellaneous Drainage ..	2,42,968 0 0	850 0 0	738 14 2	2,919 3 4	6,200 0 0	9,850 0 0	2,44,186 1 1	1,098 0 0	2,43,088 1 1
B. Maintenance of Sluices ..	2,954 0 0	....	....	....	....	....	2,954 0 0	....	2,954 0 0
V—*Water Works*—									
A. Ordinary Branch	2,92,238 8 0	13,246 9 3	20,876 15 9	10,519 8 4	5,115 0 0	6,269 0 0	3,26,092 9 2	9,000 0 0	3,17,092 9 2
B. Special Branch	36,594 0 0	....	....	....	400 0 0	400 0 0	36,594 0 0	6,000 0 0	29,594 0 0
VI—*Streets and Buildings*—									
A. Inspection and supervision ..	1,97,135 0 0	....	692 13 1	131 6 0	1,650 0 0	....	1,79,350 3 1	....	1,79,350 3 1
B. Public Lighting	3,72,432 0 0	12,000 0 0	....	10,404 4 8	2,000 0 0	1,087 8 0	3,96,899 12 8	....	3,96,899 12 8
C Road Watering	85,080 0 0	12,000 0 0	547 3 11	1,878 2 4	479 0 0	3,874 0 0	96,928 6 3	....	96,928 6 3
C1. Oiling and Parring Roads ..	30,000 0 0	....	....	26,641 15 2	....	....	56,641 15 2	....	56,641 15 2
D. Roads and Footpaths, &c. ..	5,05,423 8 0	116 0 0	11,000 0 0	7,945 14 8	5,832 8 0	2,100 0 0	5,28,264 14 8	3,500 0 0	5,24,764 14 8
E. Street Improvements	1,10,060 0 0	....	73 1 5	48 3 0	....	....	1,10,121 4 5	....	1,10,121 4 5
F. Miscellaneous	1,800 0 0	....	....	....	....	300 0 0	1,500 0 0	300 0 0	600 0 0
VII—*Cleaning, Lighting, &c., Port Trust Wharves Road* ..	40,183 0 0	....	....	....	....	....	40,183 0 0	....	40,183 0 0
Total Rs. ..	23,17,763 0 0	38,429 9 3	13,489 0 11	64,900 14 7	42,985 14 0	28,975 14 0	24,68,176 8 0	23,002 0 0	24,45,168 8 0
Carried forward Rs. ..	33,16,315 12 5	53,746 13 7	31,241 8 10	1,17,651 1 11	61,170 14 0	40,199 14 0	35,80,026 4 9	37,510 0 0	35,36,516 4 9

Appendix No. 4—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation under section 129 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for 1908-09 and for items of incomplete works, etc., required for 1909-10 under section 131 (1) proviso (a) and (b) of the Bombay Municipal Act, and Budget Grants for 1909-10 not wholly or partially utilised in that year.	Lapsed Grants for 1909-10 renewed by the Standing Committee under Section 152.	Add Transfers as per section 131 (1) b & c and (3).	Deduct Transfers as per Section 132 (1) a & c.	Total.	Less anticipated Savings as per Revised Estimates of Expenditure for 1910-11.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ..	33,16,315 12 5	68,746 13 7	51,341 8 10	1,17,851 1 11	61,170 14 0	49,199 14 0	35,60,026 4 9	32,510 0 0	35,26,516 4 9
PUBLIC HEALTH DEPARTMENT.—									
General Supervision	1,20 270 0 0	1,101 13 10	35 0 0	94 10 7	4 499 0 0	.. .	1,26,000 8 5	.....	1,26,000 8 5
Conservancy Branch	17,01,293 0 0	33,127 8 11	43,307 3 0	11,332 11 6	17,388 8 0	37,405 8 0	18,23,043 7 5	90,086 0 0	17,52,962 7 5
Markets and Slaughter Houses ..	1,88,457 0 0	8,169 0 0	9,540 4 0	6,611 8 10	2,265 0 0	8,118 0 0	2,06,994 12 10	12,639 0 0	1,94,355 12 10
Registration of Births and Deaths	75,685 0 0	.....	364 0 0	498 0 0	250 0 0	.....	76,997 0 0	390 0 0	76,607 0 0
Cemeteries	11 994 0 0	.....	.....	24 0 0	2,193 0 0	900 0 0	13,711 0 0	378 0 0	13,333 0 0
Laboratory	15,102 0 0	.....	470 0 0	1,332 14 3	.....	1,100 0 0	15,804 14 3	1,263 0 0	14,545 14 3
Mahalaxmi Dhobiwada	15,685 0 0	.....	.....	983 14 1	850 0 0	.....	18,468 14 1	100 0 0	18,368 14 1
Infectious Diseases	52,472 0 0	62 4 1	23 12 10	2,600 0 0	80 0 0	80 0 0	55,167 0 11	1,428 0 0	53,739 0 11
Milch-Cattle Stables and Rooms ..	6,650 0 0	.....	.....	50 0 0	390 0 0	.....	7,090 0 0	.....	7,090 0 0
Tank Conservancy	6,538 0 0	.....	.....	.....	.....	.....	6,538 0 0	500 0 0	6,038 0 0
Rustomji Jamsetji Dhurumsala at Falkland Road	550 0 0	.....	.....	325 0 0	.....	.....	864 0 0	140 0 0	784 0 0
Vaccination	26,587 0 0	35 4 0	8 12 0	56 0 10	1,650 0 0	50 0 0	28,187 0 10	2,710 0 0	25,477 0 10
Expenditure in connection with the investigation of the Committee appointed by Government to inquire into the causation of *Malaria*, &c., in Bombay ..	20,000 0 0	.....	.....	.....	.....	7,500 0 0	12,500 0 0	4,300 0 0	8,200 0 0
Total Rs	23,12,304 0 0	43,495 14 10	54,150 15 10	23,876 12 1	13,566 8 0	54,853 8 0	24,01,391 10 9	1,13,895 0 0	22,87,501 10 9
NEW WORKS	90,606 0 0	61,873 11 2	1,15,335 13 2	36,852 4 0	12,000 0 0	2,000 0 0	3,14,642 12 4	9,583 0 0	3,05,059 12 4
RENEWAL STORES ESTABLISHMENT	34,499 0 0	35 14 7	1,026 0 0	86 3 5	110 0 0	110 0 0	35,207 2 2	455 0 0	34,842 2 2
CENSUS	.....	20,000 0 0	.....	.....	.....	.....	20,000 0 0	.....	20,000 0 0
EDUCATION—									
Primary Education	3,37,257 0 0	.....	.....	.....	.....	.....	3,37,257 0 0	.....	3,37,257 0 0
School for deaf and dumb mutes..	2,000 0 0	.....	.....	.....	.....	.....	2,000 0 0	.....	2,000 0 0
Veterinary College	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Victoria and Albert Museum ..	13,585 0 0	.....	3,221 1 2	675 0 0	560 0 0	560 0 0	17,761 1 2	.....	17,761 1 2
Victoria Jubilee Technical Institute	20,000 0 0	.....	.....	.....	.....	.....	20,000 0 0	.....	20,000 0 0
Joint Schools Committee Establishment	11,814 0 0	.....	28 8 0	.....	260 0 0	.....	12,102 8 0	.....	12,102 8 0
Victoria Memorial School	2,500 0 0	.....	.....	.....	.....	.....	2,500 0 0	.....	2,500 0 0
Prince of Wales Museum	25,000 0 0	.....	.....	.....	.....	.....	25,000 0 0	.....	25,000 0 0
Contingent expenditure of the Committee appointed by Government to the spread of Primary Education in the City of Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Rs. ..	4,15,256 0 0	.....	3,249 9 2	675 0 0	810 0 0	560 0 0	4,20,140 9 2	.....	4,20,140 9 2
HOSPITALS—									
Acworth Leper Asylum at Matunga	36,000 0 0	.....	.....	.....	.....	.....	36,000 0 0	.....	36,000 0 0
Medical Institutions	4,14,500 0 0	.....	.....	.....	.....	.....	4,14,500 0 0	.....	4,14,500 0 0
Dispensaries	12,000 0 0	920 15 5	.....	.....	.....	.....	12,920 15 5	.....	12,920 15 5
Adamji Wylie Hospital	1,500 0 0	.....	.....	.....	.....	.....	1,500 0 0	.....	1,500 0 0
Total Rs. ..	4,64,000 0 0	920 15 5	.....	.....	.....	.....	4,64,920 15 5	.....	4,64,920 15 5
Carried over ..	66,32,280 12 5	1,79,133 6 7	2,29,103 15 0	1,79,113 5 8	97,841 6 0	97,843 6 0	72,16,419 6 5	1,27,438 0 0	70,88,981 6 5

Appendix No. 4—*continued.*

PARTICULARS.	Original Grants sanctioned by the Corporation under Section 128 of the Municipal Act.	Additional Grants sanctioned by the Corporation under Section 131 (1).	Additional Grants sanctioned by the Corporation in respect of unexpended balances of Grants for Works and Services not completed or not commenced in 1910-11 and of transfers sanctioned in 1909-10 but not utilized in that year, and of Budget Grants for 1909-10 not wholly or partially utilized in that year.	Lapsed Grants for 1909-10 restored by the Standing Committee under Section 132.	*Add*—Transfers as Per Section 131 (1) b, & c, & (2).	*Deduct*—Transfers as per Section 133 (1) a & c.	Total.	*Less* anticipated savings as per Revised Estimate of Expenditure for 1910-11.	Final Sanctioned Grants.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..	66,33,280 12 5	1,79,123 5 7	2,25,103 15 0	1,79,113 5 8	97 641 6 6	97,843 6 6	2,16,419 6 8	1,37,438 0 0	70,58,981 6 8
MISCELLANEOUS—									
Pensions gratuities and Compassionate allowances	70,000 0 0	18,168 8 3	1,179 4 0	2,683 15 10	....	....	89,021 12 1	....	89,021 12 1
Discretional contingencies	7,000 0 0	....	....	1,658 0 0	....	....	8,658 0 0	....	8,658 0 0
Auditor's Allowances	10,000 0 0	....	....	....	....	....	10,000 0 0	....	10,000 0 0
Grain Compensation	1,50,000 0 0	....	....	....	....	....	1,50,000 0 0	1,50,000 0 0	....
Local Allowance	80,000 0 0	....	....	100 0 0	....	....	80,100 0 0	....	80,100 0 0
Loss on account of irrecoverable bills written off	....	4,000 0 8	90 0 0	....	.. ..	....	4,090 0 8	....	4,090 0 8
Cost of telegram and address of condolence to His Majesty the King-Emperor on the lamented death of His Most Gracious Majesty King Edward VII, Emperor of India	....	1,000 0 0	....	....	....	....	1,000 0 0	....	1,000 0 0
Charges in connection with the presentation of address to the retiring Viceroy and the Viceroy Designate	....	2 600 0 0	....	....	112 0 0	....	2,712 0 0	....	2,712 0 0
Rebate due to the City Improvement Trust under Section 73 (2) of Act IV of 1898	1,000 0 0	52,200 0 0	....	....	....	....	53,200 0 0	....	53,200 0 0
Total Rs. ..	2,98,000 0 0	78,068 8 11	1,269 4 0	4,441 15 10	112 0 0	....	3,78,881 12 9	1,50,000 0 0	2,28,881 12 9
CONTRIBUTION TO THE CITY IMPROVEMENT TRUST UNDER SECTION 72 (1) OF ACT IV OF 1898 ..	8,35,000 0 0	....	....	....	....	....	8,35,000 0 0	....	8,35,000 0 0
PLAGUE EXPENSES	2,00,000 0 0	31,126 6 0	....	....	....	..	2,31,126 6 0	....	2,31,126 6 0
MUNICIPAL DEBT—									
Interest on loans	24,77,492 11 4	....	33,146 14 3	90,378 1 5	....	....	26,01,017 11 0	20,000 0 0	26,01,017 11 0
Charges on account of loans ..	11,645 5 6	....	....	....	90 0 0	....	11,735 5 6	....	11,735 5 6
Payment towards the reduction of debt	1,22,058 4 8	....	11 000 0 0	3,500 0 0	....	....	1,36,558 4 8	....	1,36,558 4 8
Payment towards the Investment of Sinking Fund	6,16,771 14 1	....	....	....	....	....	6,16,771 14 1	....	6,16,771 14 1
Payment towards the Investment of Interest accrued on Sinking Fund	4,03,300 0 0	1,297 1 4	....	....	....	....	4,03,587 1 4	....	4,03,587 1 4
Discount charges on account of Loans	1,00,000 0 0	....	....	....	....	....	1,00,000 0 0	1,00,000 0 0	....
Total Rs. ..	37,30,268 3 7	1,297 1 4	64,146 14 3	93,878 1 5	90 0 0	....	38,89,670 4 7	1,20,000 0 0	37,69,670 4 7
INVESTMENTS—									
Municipal buildings Fire Insurance Fund	5,000 0 0	....	....	....	....	....	5,000 0 0	....	5,000 0 0
Net premia, &c., on different Municipal Loans	....	....	....	....	....	....	....	....	....
Interest realised on Fire Insurance Fund	5,300 0 0	....	....	....	....	....	5,300 0 0	....	5,300 0 0
Interest realised on worn-out water mains renewal fund	26,200 0 0	....	....	....	....	....	26,200 0 0	....	26,200 0 0
Interest realised on Net Premia Fund	6,200 0 0	8,331 11 6	....	....	....	....	14,531 11 6	....	14,531 11 6
Total Rs. ..	42,700 0 0	8 331 11 6	....	....	....	....	51,031 11 6	....	51,031 11 6
GRAND TOTAL ..	1,17,29,249 0 0	2,96,927 1 4	2,90,520 1 3	2,77,433 6 11	97,843 6 0	97,843 6 0	1,28,02,129 9 6	4,27,438 0 0	1,23,74,691 9 6

W. E WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix No. 5.

EXPENDITURE.

STATEMENT showing the Actuals as compared with the Final Sanctioned Grants for 1910-11 as per Appendix No. 4 and the Actuals of the preceding year.

PARTICULARS.	Actuals for 1909-10.	Final Sanctioned Grants for expenditure during 1910-11 as per Appendix No. 4.	Actuals for 1910-11.	As compared with the Final Sanctioned Grants as per column No. 3		Amount proposed to be renewed in 1911-12 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1909-10 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—									
Corporation and Standing Committee's Establishment	75,625 6 7	74,087 8 2	72,909 0 7	. . .	1,127 8 2	988 12 3	173 11 11	....	2,905 5 6
Municipal Commissioner's Personal Office Establishment	65,473 14 11	73,238 0 0	71,884 9 8	....	448 6 4	....	448 6 4	6,410 10 9	....
General Office Establishment ..	84,314 0 10	1,29,361 10 8	97,472 9 4	....	71,879 1 1	68,699 8 0	8,779 9 1	....	26,891 7 6
Accounts and Expenditure Audit Establishment	83 688 12 7	88 308 0 0	86,770 3 3	....	1,537 12 3	116 0 9	1,421 12 3	3,081 7 2	....
	3,08,102 2 5	3,64,080 3 2	2,89,057 7 4	....	74,992 11 10	69,171 4 3	8,821 7 7	9,492 1 11	29,806 13 6
ASSESSMENT AND COLLECTION DEPARTMENT.									
Property and Wheel Tax Establishment	2,10,703 4 11	2,17,062 0 0	2,13,719 2 5	....	3,372 13 7	836 4 0	2,536 9 7	3,016 13 6	....
Town Duty Collection	94,135 7 11	1,08,573 12 0	1,07,629 0 10	....	1,474 11 2	22 9 0	1,452 2 2	12,873 8 11	....
Tolls Collection	472 8 0	636 9 7	550 9 7	....	146 0 0	.....	146 0 0	71 1 7	....
Licensing Establishment ..	22,410 12 11	22,349 0 0	22,118 5 7	....	230 10 5	....	230 10 5	....	292 7 4
Revenue and Refund Audit Establishment	41,710 14 5	42,463 13 10	42,129 1 4	....	334 12 6	90 0 10	284 11 8	418 2 11	...
	3,69,460 0 2	3,91,125 3 5	3,85,546 3 3	....	5,578 15 8	948 13 10	4,630 1 10	16,378 10 11	292 7 4
FIRE BRIGADE—									
Fire Brigade	1,82,137 10 11	2,13,555 4 0	1,75,989 10 3	....	37,565 9 9	34,413 0 0	3,152 9 9	13,851 15 4	....
	1,82,137 10 11	2,13,555 4 0	1,75,989 10 3	....	37,565 9 9	34,413 0 0	3,152 9 9	13,851 15 4	....
MAINTENANCE OF PUBLIC GARDENS—									
Victoria Gardens Maintenance ..	89,653 3 3	92,473 0 9	78,373 9 4	....	14,199 7 5	10,154 9 6	4,044 13 11	....	10,779 10 1
Do. New Works ..	3,309 5 10	6,061 10 3	2,111 0 1	....	3,950 10 2	3,950 10 2	....	....	1,198 5 9
Elphinstone Circle Garden	1,116 14 9	2,190 3 9	1,264 7 9	....	925 12 0	133 2 2	792 9 10	87 9 0	....
Falkland Road Garden	282 4 0	452 10 8	178 8 2	....	274 2 6	43 1 8	231 1 2	....	113 11 10
Northbrook Garden	1,272 1 2	1,759 3 0	1,090 15 3	....	668 8 9	49 4 2	619 4 7	....	181 1 11
Sir C. Jehangir Mahim Garden ..	477 7 5	802 0 0	292 2 9	....	79 13 3	....	79 13 3	....	235 4 8
Bazaar Gate Street Garden ..	426 11 3	687 0 0	394 4 4	....	292 11 8	....	292 11 8	....	32 6 11
Dick's Tank Garden	259 11 2	446 0 0	211 4 6	....	234 11 4	....	234 11 4	....	39 6 6
Malabar Hill Garden	512 12 8	786 0 0	786 0 0	....	....	....	....	285 3 4	....
Esplanade Garden	2,252 5 8	7,479 0 0	6,757 11 1	....	721 4 11	1 0 0	720 4 11	4,505 5 5	....
	99,963 13 4	1,12,587 1 5	91,909 15 5	....	21,377 2 0	14,331 11 8	7,045 6 9	4,846 1 9	12,599 15 8
PUBLIC WORKS (ENGINEER'S DEPARTMENT)—									
I. GENERAL SUPERVISION AND MISCELLANEOUS DUTIES ..	76,009 0 4	78,099 1 1	70,948 8 1	....	2,150 9 0	218 15 5	1,931 9 7	....	5,060 8 3
II. MECHANICAL BRANCH—									
Maintenance of Compressor Station, Colaba (Short System) ..	26,225 5 8	33,549 11 11	32,653 7 7	....	896 4 4	....	896 4 4	6,427 1 11	....
Maintenance of Love Grove Pumping Station	1,13,162 4 8	1,20,146 9 4	1,18,187 3 7	....	1,959 5 9	116 0 0	1,843 5 9	5,023 14 11	....
Maintenance of Air Compressor Station at Love Grove (Shone System) ..	79,637 8 5	85,084 4 0	83,038 12 1	....	1,905 7 11	288 0 0	1,707 7 11	6,431 8 8	....
Maintenance of Storm Water Sluices	1,971 2 5	2,589 0 0	1,959 12 9	....	629 3 3	120 0 0	509 3 3	....	11 5 8
III. SANITARY DISCOSAL OF TOWN SWEEPINGS	1,23,153 9 1	1,27,961 11 4	1,25,045 7 2	....	2,042 4 2	26 8 4	2,015 11 10	2,795 14 1	....
IV. DRAINAGE—									
A. Miscellaneous Drainage ..	2,29,413 5 5	2,43,988 2 1	2,26,811 0 2	....	16,577 1 11	9,389 9 6	7,187 8 5	....	2,998 8 7
B. Maintenance of Sluices ..	2,351 13 8	2,944 0 0	2,431 9 3	....	522 6 9	172 7 8	349 15 1	....	593 4 3
V. WATER WORKS Ordinary ..	2,75,222 2 6	3,17,022 2 2	2,85,285 6 4	....	40,737 2 10	23,032 9 9	17,704 9 1	10,063 4 4	....
Do. Special	24,617 5 2	29,584 0 0	14,192 14 1	....	5,421 1 11	45 9 8	5,375 8 3	....	474 7 1
VI. STREETS AND BUILDINGS—									
A. Inspection and Supervision ..	1,70,207 5 11	1,79,320 3 1	1,77,876 4 8	..	6,943 14 5	430 0 0	6,490 14 5	1,978 14 9	....
B. Public Lighting	3,72,217 6 6	3,95,889 12 8	3,80,050 3 8	....	15,809 9 0	7,902 4 3	7,907 4 9	7,812 13 3	....
C. Road Watering	93,946 0 5	95,828 6 3	78,724 13 4	....	17,103 8 11	8,778 8 11	10,400 0 0	....	21,221 3 1
C1. Oiling and Tarring Roads and Treating Roads with Westermite(Experimental)..	18,727 0 1	55,641 15 2	12,672 9 8	....	42,969 5 6	18,887 6 4	24,081 15 2	....	6,054 12 5
D. Roads, Footpaths, &c. ..	4,68,878 15 7	5,22,734 14 3	4,94,638 13 1	....	28,736 1 2	25,960 5 4	2,775 11 10	25,101 12 6	....
E. Street Improvements ..	1,88,488 7 2	1,10,121 4 5	1,10,450 5 8	....	670 14 9	180 0 0	370 14 9	991 15 6	....
F. Miscellaneous (compensation to house-owners for Insanitary Buildings demolished)..	602 12 10	400 0 0	215 12 8	....	184 2 4	....	184 2 4	....	386 15 2
VII. CLEANSING, LIGHTING AND REPAIRING PORT TRUST WHARVES, ROADS, &c.— ..	40,183 0 0	40,183 0 0	40,183 0 0	....	....	....	....	....	....
	22,23,360 13 6	24,15,168 4 9	22,39,220 0 10	....	1,85,348 7 11	98,742 5 2	91,606 2 9	67,560 3 10	36,001 0 6
Carried over Rs. ..	31,68,524 5 4	35,28,516 4 9	32,01,653 5 7	....	3,24,862 15 2	2,09,607 2 6	1,15,255 12 8	1,12,125 1 9	79,000 4 6

Appendix No. 5—*continued.*

PARTICULARS.	Actuals for 1909-10.	Final Sanctioned Grants for Expenditure during 1910-11 as per Appendix No. 4.	Actuals for 1910-11.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be re-voted in 1911-12 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1909-10 as per column No. 2.	
				More.	Less.			More.	Less.
1		3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ..Rs.	21,68,524 8 4	35,26,516 4 9	32,01,653 5 7	....	3,24,862 15 2	2,08,667 2 6	1,15,258 12 8	1,12,129 1 9	79,000 4 6
NEW WORKS—	1,62,745 7 3	3,05,059 12 4	1,69,109 3 10	....	1,35,950 8 6	1,21,730 1 11	14,220 6 7	6,365 14 7	....
	1,62,745 7 3	3,05,059 12 4	1,69,109 3 10	....	1,35,950 8 6	1,21,730 1 11	14,220 6 7	6,365 14 7	....
PUBLIC HEALTH DEPARTMENT—									
General Supervision	1,37,598 15 7	1,36,000 8 5	1,33,492 8 10	....	2,507 15 7	1,200 13 11	1,307 1 8	....	4,106 4 9
Conservancy Branch	18,10,971 15 11	17,82,002 7 8	15,76,094 10 6	....	1,56,907 12 11	88,206 5 7	71,751 7 4	....	2,34,367 8 5
Markets and Slaughter Houses ..	1,93,504 12 8	1,94,555 12 10	1,71,926 2 10	....	22,629 10 0	20,451 15 4	1,977 16 8	....	21,578 9 11
Registration of Births and Deaths	71,592 5 2	76,067 0 0	74,889 12 7	....	1,177 3 5	244 1 9	1,471 1 8	3,297 7 5	....
Cemeteries	10,634 13 7	13,233 0 0	9,799 4 8	....	3,942 11 4	1,994 3 5	1,948 7 11	....	644 8 11
Mahalaxmi Dhobiwada	16,982 2 7	18,586 14 1	17,378 7 10	....	920 6 3	947 8 8	42 13 7	446 5 3	....
Milch Cattle Stables and Rooms ..	7,519 10 10	7,060 6 0	6,444 10 1	....	615 5 11	440 1 8	199 4 3	....	1,074 0 9
Tank Conservancy	5,896 10 9	6,028 0 0	5,894 4 5	....	133 11 7	....	133 11 7	237 9 8	....
Rustomjee Jamshedjee Dharamsala	214 8 1	784 0 0	369 5 2	....	414 10 10	368 13 3	45 13 7	154 13 1	....
Laboratory	13,780 13 0	14,848 14 3	11,357 2 0	....	3,188 12 3	1,165 8 0	2,023 4 3	....	2,423 11 0
Infectious Diseases	58,585 6 4	53,739 0 11	49,293 11 8	....	4,445 5 3	1,317 4 10	3,128 0 5	....	9,291 10 8
Vaccination (Contribution to Government)	24,023 12 6	25,477 9 10	24,134 8 2	....	1,342 8 8	1,038 7 2	304 1 6	190 11 8	....
Expenditure in connection with the investigation of the committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay	14,415 4 4	8,200 0 0	8,144 1 0	....	55 15 0	....	55 15 0	....	6,271 3 4
	23,64,079 15 3	22,87,581 10 9	20,86,109 9 9	....	1,94,792 1 0	1,14,583 3 7	80,208 13 5	4,286 15 1	2,79,857 4 9
GENERAL STORES ESTABLISHMENT—									
General Stores Establishment ..	30,858 8 2	34,342 2 3	31,662 7 7	....	2,679 10 8	2,205 2 9	1,574 7 11	203 15 4	....
	30,858 8 3	34,342 2 3	31,662 7 7	....	2,679 10 8	2,205 2 9	1,574 7 11	203 15 4	....
CENSUS	....	20,000 0 0	14,827 1 10	....	5,172 4 2	....	....	14,827 11 10	....
EDUCATION—									
Primary Education	2,15,376 0 0	3,37,257 0 0	3,37,257 0 0	....	....	....	....	1,21,881 0 0	....
School for Deaf and Dumb Mutes ..	3,000 0 0	3,000 0 0	3,000 0 0	....	....	....	....	....	....
Veterinary College	2,500 0 0	2,500 0 0	2,500 0 0	....	....	....	....	....	....
Victoria and Albert Museum ..	15,312 3 11	17,781 1 2	14,842 4 2	....	2,938 13 0	2,710 6 3	228 6 9	....	469 15 9
Victoria Jubilee Technical Institute	18,000 0 0	20,000 0 0	20,000 0 0	....	....	....	....	2,000 0 0	....
Prince of Wales Museum	25,000 0 0	25,000 0 0	25,000 0 0	....	....	....	....	....	....
Joint Schools Committee's Establishment	11,667 6 10	12,102 8 0	12,025 1 3	....	77 6 9	68 1 6	9 5 3	357 10 6	....
Victoria Memorial School ..	2,800 0 0	2,800 0 0	2,800 0 0	....	....	....	....	....	....
	2,92,655 10 9	4,20,440 9 5	4,17,424 5 5	....	3,016 3 9	2,778 7 9	237 12 0	1,24,238 10 5	469 15 9
HOSPITALS—									
Lepers' Asylum at Matunga ..	36,000 0 0	36,000 0 0	36,000 0 0	....	....	....	....	....	....
Medical Institutions	4,14,500 0 0	4,14,500 0 0	4,14,500 0 0	....	....	....	....	....	....
Dispensaries	11,979 0 7	12,920 15 5	12,416 5 8	....	504 9 9	264 9 9	240 0 0	1,337 5 1	....
Adams-Wylie Hospital	1,000 0 0	1,800 0 0	1,800 0 0	....	....	....	..	800 0 0	....
	4,62,479 0 7	4,64,920 15 5	4,64,416 5 8	....	504 9 9	264 9 9	240 0 0	1,837 5 1	....
Carried over Rs. ..	54,82,043 0 7	70,38,961 6 8	63,86,903 1 3	....	6,72,078 5 0	4,46,541 0 5	2,15,737 4 7	2,63,987 10 1	3,59,127 9

Appendix No. 5—*concluded.*

Particulars.	Actuals for 1908-10.	Final Sanctioned Grants for expenditure during 1910-11 as per Appendix No. 4.	Actuals for 1910-11.	As compared with the Final Sanctioned Grants as per column No. 3.		Amount proposed to be renewed in 1911-12 out of savings as per column No. 6.	Net Savings.	As compared with the Actuals for 1909-10 as per column No. 2.	
				More.	Less.			More.	Less.
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ..	24,32,042 0 7	70,98,281 6 8	33,36,903 1 8	....	6,72,078 5 0	4,56,341 0 5	2,15,737 4 7	2,83,987 10 1	3,39,127 9 0
MISCELLANEOUS:—									
Cost of caskets and the address presented to the retiring Viceroy and the Viceroy-Designate ..	....	2,712 0 0	2,711 0 9	....	0 15 3	....	0 15 3	2,711 0 9	....
Pensions, Gratuities and compassionate Allowances	89,317 0 3	89,021 12 1	94,223 12 1	....	4,727 15 0	4,727 15 0	....	14,476 12 10	....
Discretionary Contingencies ..	5,885 5 5	8,858 0 0	4,334 2 4	....	4,523 13 8	3,420 0 0	903 13 8	....	1,545 3 1
Auditors' Allowance	10,000 0 0	10,000 0 0	10,000 0 0	....	....	....	....	....	....
Loss on account of Private Works irrecoverable bills written off ..	666 1 11	4,000 0 8	4,076 9 2	....	14 7 6	....	14 7 8	3,409 7 3	....
Grain Compensation	1,54,517 7 3	....	Cr. 0 14 5	....	0 14 5	....	0 14 5	....	1,56,518 5 10
Local Allowance	1,13,728 0 2	60,100 0 0	56,158 8 11	....	3,841 7 1	100 0 0	3,841 7 1	....	57,569 7 8
Arrears of rent due to Government in respect of Workshops ground at Pallon Road	13,296 0 0	....	....	....	....	....	....	....	13,296 0 0
Loss sustained in the sale of General, Surplus and obsolete stores of the different departments written off	61,555 13 7	....	....	....	....	....	....	....	61,555 13 7
Charges in connection with the address of welcome to H. E. the Viceroy on his visit to Bombay.	2,044 0 4	....	....	....	....	....	....	....	2,044 0 4
Loss sustained on account of certain unserviceable articles of General, Surplus and obsolete stores written off	1,455 9 1	....	....	....	....	....	....	....	1,455 9 1
The cost of preparing the address of Condolence to H. M. the King Emperor on the lamented death of H. M. King Edward VII, Emperor of India and other expenses in connection with the mournful event	....	1,000 0 0	820 2 0	....	179 14 0	....	179 14 0	820 2 0	....
Rebate to the Bombay Improvement Trust under section 73 (3) of the Act IV of 1898	....	53,300 0 0	53,300 0 0	....	....	....	....	53,300 0 0	....
	4,24,990 6 2	2,28,881 12 9	2,15,542 5 10	....	13,139 8 11	8,347 15 0	4,791 7 11	74,717 6 10	2,84,015 7 2
CONTRIBUTION TO THE CITY IMPROVEMENT TRUST	7,80,000 0 0	8,35,000 0 0	8,35,000 0 0	....	....	....	....	55,000 0 0	....
PLAGUE EXPENSES	2,00 915 0 5	2,71,126 6 0	1,87,374 5 11	....	43,892 0 1	30,468 1 4	7,928 2 9	....	13,380 10 6
MUNICIPAL DEBT—									
Interest on Loans	23,50,345 0 1	26,01,917 11 2	26,55,935 15 10	....	1,45,021 11 2	1,43,325 2 4	1,706 8 10	1,05,590 15 9	....
Charges on Loans	10,644 0 2	17,735 5 6	17,155 4 2	....	580 1 4	....	580 1 4	511 4 0	....
Payment towards the reduction of Debt	1,14 733 14 11	1,36,558 4 8	1,20,058 4 8	....	16,500 0 0	16,500 0 0	....	5,324 5 9	....
Payment towards the investment of interest accrued on Sinking Fund	3,73,842 12 8	4,03,567 1 4	4,03,567 1 4	....	....	....	....	31,744 4 8	....
Payment towards the investment of Sinking Fund	5,29,613 8 9	6,16,771 14 1	6,16,771 14 1	....	....	....	....	87,158 5 4	....
	35,17..84 4 7	37,69,670 4 7	38,07,568 8 1	....	1,62,101 12 6	1,59,825 2 4	2,276 10 2	2,30,864 5 9	....
INVESTMENTS—									
Municipal Buildings Fire Insurance Fund	5,000 0 0	5,000 0 0	5,000 0 0	....	....	....	....	....	....
Interest realised on Fire Insurance Fund	4,886 1 0	5,300 0 0	5,225 8 4	....	74 7 8	....	74 7 8	338 7 4	....
Net Premia, &c., Fund Investment Account	76,05 9 5	....	....	....	....	....	....	....	76,005 9 6
Interest realised on the Net Premia, &c., Fund	11,250 15 4	14,531 11 6	14,531 11 6	....	....	....	....	3,280 12 2	....
Interest realised on Worn-out Water Mains Sinking Fund ..	21,8 4 14 4	26,200 0 0	24,716 2 4	....	1,483 13 8	....	1,483 13 8	....	88 12 0
	1,21,917 5 2	51,031 11 6	49,473 0 2	....	1,558 5 4	....	1,558 5 4	3,650 5 6	76,094 5 6
GRAND TOTAL RS. ..	1,18,97,940 3 11	1,21,74,692 9 6	1,12,81,871 11 8	....	8,92,819 13 10	6,61,177 15 1	2,31,641 14 8	6,37,739 7 11	7,43,918 0 2
								Less ..	6,27,739 7 11
									1,15,178 8 3

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix

SURPLUS

DR. STATEMENT showing the state of the Surplus Cash

To	Rs. a. p.	Rs. a. p.
Sums Payable—		
Deposits, &c., in cash	4,44,539 2 7	
Do. on account of Contractors' Government Paper kept in office	27,400 0 0	
Paper Deposits from Municipal employés and Contractors pending submission to the Bank of Bombay (kept in office)	900 0 0	
Bank of Bombay on account of Contractors' Securities held under objection	12,700 0 0	
Contractors' Securities held under objection	500 0 0	
Government of Bombay on account of Income Tax	225 1 10	
Cheques payable	44,879 0 0	
Loan Works Establishment	17,869 15 8	
Contribution from Government towards the cost of Primary School Buildings	2,00,000 0 0	
		7,49,013 4 1
Reserve Stock per Contra		5,03,340 7 0
Amount to be renewed in 1911-1912 for unpaid charges for and prior to 1910-1911		6,61,177 15 1
Reserve Stock Purchases	18,826 3 6	
Stock adjustment account	12,398 4 1	
		30,724 7 7
		19,50,256 1 9
Balance at the close of the year 1910-1911—		
Minimum Cash Balance required by the Act	1,00,000 0 0	
Amount reserved for payment to the C. I. Trust on account of contribution from revenues earmarked for the purpose during the year	8,65,000 0 0	
SURPLUS CASH BALANCE	15,23,145 8 7	
		24,88,145 8 7
	Total Rs.	44,38,401 10 4

W. E. WAITE,
Chief Accountant.

No. 6.

CASH BALANCE.

Balance at the close of the year 1910-1911.

By			Rs. a. p.	Rs. a. p.
Cash Deposits and Investments—				
Cash balance in the Office and Bank Treasuries			2,88,472 4 3	
Surplus Funds investments			34,89,936 15 6	37,78,409 3 9
Advances—				
To Loan Works—				
Expenditure on Loan Works as per Appendix No. 6 A. attached, including Plague expenses up to 1903-1904			5,05,71,924 3 4	
Less—				
Amount drawn from Loan Funds as per Appendix No. 6 A. attached ...			5,05,71,924 3 4	.....
To Municipal Officers, &c.			13,860 12 1	
Miscellaneous Advances			40,860 13 5	
To Private and Departmental Works including Workshops			43,649 8 7	
To printing and stamping, building and repair certificates and water application forms			110 4 10	
To Contractors			17,298 9 8	
To Chief Auditor and Accountant, G. I. P. Railway			18,257 3 7	
New Works to be subsequently provided for under a new loan to be raised			865 14 10	1,32,302 3 6
Reserve Stock—				
Servicable Stores—				
		Rs. a. p.		
Stock		3,46,008 14 6		
Water Works Imprest		1,376 4 5		
			3,47,385 2 11	
Executive Engineer (Kerosine oil)			136 11 0	
Line Suspense account			1,18,731 13 1	
			4,66,253 11 0	
Surplus and obsolete stores			43,086 12 0	
				5,09,340 7 0
Sales (Stores)				18,348 12 7
			Total Rs. ...	44,38,401 10 4

P. R. CADELL,
Municipal Commissioner.

Appendix No. 6-A.

STATEMENT showing (1) the Amount of Loans raised, (2) the Expenditure on Loan Works, and (3) the Invested Balance on 31st March 1911.

	Amount of Loan raised.	Amount expended.
	Rs.	Rs. a. p.
DRAINAGE AND WATER WORKS (Rs. 26,94,000) LOAN OF 1873—		
Drainage, 1st Section	26,94,000	16,52,449 12 9 (a)
Water Works (Bhandarwada)		10,16,830 13 3
	26,94,000	26,69,280 10 0
SURFACE DRAINAGE WORKS	6,00,000	6,00,000 0 0
SANITARY WORKS (44 LAKHS) LOAN—		
Surface Drainage Works (Rs. 13,22,134-3-3—Rs. 6,00,000)... ...	44,00,000	7,22,134 3 3
Drainage (1883-84)...		10,74,951 2 0 (b)
Do. (1884)		4,01,680 11 5
Ripon Road		1,41,500 1 2
Other Sanitary Works		87,119 9 6
Water Works		18,95,947 12 0
	44,00,000	48,22,724 7 4
SANITARY WORKS (7 LAKHS) LOAN—		
Fort Drainage, &c.	7,00,000	4,62,337 0 0
Water Works		1,42,241 5 4
	7,00,000	6,04,578 5 4
DRAINAGE AND WATER WORKS (12 LAKHS) LOAN—		
Queen's Road Sewerage, &c.	12,00,000	9,01,437 3 2
Water Works (Frere Road, Main)		80,031 5 0
	12,00,000	9,81,468 8 2
MISCELLANEOUS WORKS (10,08,500) LOAN—		
Drainage Works	10,08,500	58,396 14 10
Cross Road at Mahaluxmi Station		19,594 4 8
Nowrojee Hill Road		70,689 2 0
Markets (Erskine Road, &c.)		4,86,986 2 8
Water Works		1,16,214 3 2
	10,08,500	7,51,880 11 4
HOUSE SULLAGE WATER CONNECTIONS, AGRIPADA (Rs. 2,48,000) LOAN	2,48,000	2,33,533 12 10
VARIOUS SANITARY WORKS (35 LAKHS) LOAN—		
Drainage	35,00,000	13,864 7 3
New Roads at Agripada and elsewhere		15,26,679 2 9
Bhuleshwar Market Extension and Foras Road Market		3,77,235 15 1
Other Works		4,11,271 5 9
Water Works		8,72,574 9 10
	35,00,000	31,97,225 8 8
TANSA WATER WORKS (147 LAKHS) LOAN....	1,47,00,000	1,46,96,383 7 0
MUNICIPAL BUILDING (INCLUDING FURNITURE, &c.) (8 LAKHS) LOAN.	8,00,000	7,83,060 3 0 (c)
FIRE BRIGADE QUARTERS, &C. (4½ LAKHS) LOAN	4,50,000	4,03,320 6 1
23¾ LAKHS DRAINAGE, WATER WORKS, ROADS AND OTHER WORKS LOAN—		
Drainage	23,25,000	17,44,602 15 5
Falkland Road Overbridge		15,082 9 4
Wari Bunder Bridge		1,32,662 0 0
Other Works		5,890 14 1
Water Works		1,49,522 5 7
	23,25,000	20,47,750 12 5
Carried over Rs. ...	3,36,25,500	3,12,40,526 12 2

(a.) Including Rs. 1,94,031-13-3 written off in 1902-03 on account of properties not then existing.

(b.) Do. Rs. 98,438-1-9 do. do. do. do.

(c.) Excluding Rs 7,34,326-3-3 paid out of the Invested Fund.

No. 6.-A—*concluded.*

	Amount of Loan raised.	Amount expended.
	Rs.	Rs. a. p.
Brought forward Rs. ...	3,26,25,500	3,12,40,526 12 2
15½ LAKHS SEWERAGE, WARI BUNDER, &c., ROADS, BURIAL GROUND AND CERTAIN WATER WORKS LOAN—		
Drainage		5,69,077 1 0
Wari Bunder and Victoria Roads, *less* Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road	15,75,000	1,60,232 2 11
Burial Ground		2,11,652 4 5
Water Works		12,842 18 10
	15,75,000	9,53,804 6 2
25 LAKHS LOAN FOR SEWERAGE, &c., WORKS—		
Drainage		11,25,033 14 4
Water Works	25,00,000	2,02,157 2 9
Disposal of Town Sweepings and Land for Burial Ground ...		11,33,264 0 0
	25,00,000	24,60,595 1 1
19¼ LAKHS LOAN FOR SEWERAGE, ROADS, &c., WORKS—		
Drainage	19,25,000	14,50,566 8 4
Miscellaneous Works		1,00,968 6 6
	19,25,000	15,51,534 9 10
24¾ LAKHS LOAN FOR SEWERAGE AND WATER WORKS—		
Drainage	24,75,000	15,57,788 12 5
Water Works		2,46,742 11 9
	24,75,000	18,04,526 8 2
12¾ LAKHS LOAN FOR WATER WORKS—		
Water Works	12,75,000	5,03,458 8 4
2ND 21¾ LAKHS LOAN FOR CERTAIN SEWERAGE WORKS	21,75,000	7,12,108 11 4
13½ LAKHS LOAN FOR VARIOUS SANITARY, &c., WORKS—		
Drainage		51,162 14 9
Water Works	13,50,000	12,315 14 2
Health Department Chawls and Stables		3,97,541 4 0
	13,50,000	4,61,020 0 11
15 LAKHS LOAN FOR STREET IMPROVEMENT IN DIFFERENT PLACES.	15,00,000	15,00,000 0 0
30 LAKHS LOAN—For acquisition of sites for construction of various Overbridges	30,00,000	10,87,014 14 1
EXECUTED OUT OF SAVINGS ON DIFFERENT LOANS—		
Drainage	.....	8,52,969 75 10
Water Works	.....	5,20,057 9 1
Markets	.....	94,523 15 11
Roads, &c.	.....	78,188 8 8
Street Improvements in different places	.....	2,40,000 0 0
Miscellaneous Works	.....	3,87,366 2 11
	.....	22,73,109 4 5
ADVANCES FROM SURPLUS BALANCES—		
Drainage	.....	16,24,851 6 *7
Water Works	.....	5,01,527 10 11
Roads and Overbridges	.....	4,91,016 15 2
Other Works	.....	7,23,871 14 10
	.....	31,11,267 15 6
LOAN FOR PLAGUE EXPENSES—		
Plague Expenses incurred from 1896-1897 to 1903-1904 (deducting Rs. 14½ lakhs met from the Government Contribution) and Rs. 16 Lakhs received from the City Improvement Trust now adjusted against this head	20,00,000	29,10,052 7 4
GRAND TOTAL ... Rs.	6,27,00,500 (*a*)	5,05,71,924 3 4 (*b*)

	Rs. a. p.
(*a*.) Amount of Loans raised	5,27,00,500 0 0
(*b*.) Do. expended	5,05,71,924 3 4
Invested Balance (*vide* Statement 16, page 79.)	21,28,575 12 8

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT of Outstanding Loans due by the Municipality and

	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1910.	Amount raised in 1910-11.	Total.	Amount re-paid in 1910-11.	Balance due on 31st March 1911.
	1	2	3	4	5	6	7
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Loan raised from Government.						
1	Vehar Water Works Debt.	4 per cent. ...	23,32,204 14 4	.....	23,32,204 14 4	27,058 4 8	23,11,146 9 8
	Loan raised from the Public.						
2	Drainage Loan of 1878 (Rs. 26,94,600)	5 per cent. ...	11,50,500 0 0	.....	11,50,500 0 0	(a) 99,000 0 0	10,51,500 0 0
3	The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs)	5 per cent. ...	37,39,000 0 0	.....	37,39,000 0 0	(b)	37,39,000 0 0
4	The Sanitary Works Loan of 1888 (Rs. 7 Lakhs)	5 per cent. ...	7,00,000 0 0	.....	7,00,000 0 0	(b)	7,00,000 0 0
5	The Tansa Water Works Loan (Rs. 147 Lakhs)	5 per cent. ...	1,47,00,000 0 0	.....	1,47,00,000 0 0	(b)	1,47,00,000 0 0
6	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs) ...	5 per cent. ...	12,00,000 0 0	.....	12,00,000 0 0	(b)	12,00,000 0 0
7	The Miscellaneous Works Loan of 1888-89 for Drainage and Water Works, Markets and Roads (Rs. 10,08,500)	5 per cent. ...	10,08,500 0 0	.....	10,08,500 0 0	(b)	10,08,500 0 0
8	The Agripada House Sullage Water Connections Loan of 1889-90 of Rs. 2,48,000	5 per cent. ...	2,48,000 0 0	.....	2,48,000 0 0	(b)	2,48,000 0 0
9	The 35 Lakhs Various Sanitary Works Loan of 1890-91	5 per cent. ...	35,00,000 0 0	.....	35,00,000 0 0	(b)	35,00,000 0 0
10	The Municipal Office Building Loan of 1891 (Rs. 8 Lakhs)	5 per cent. ...	8,00,000 0 0	.....	8,00,000 0 0	(b)	8,00,000 0 0
11	The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations ...	4 per cent. ...	4,50,000 0 0	.....	4,50,000 0 0	(b)	4,50,000 0 0
12	The Loan of 42 Lakhs for re-payment of the Balance of the 4½ per cent. Government Consolidated Loan	4 per cent. ...	42,00,000 0 0	.....	42,00,000 0 0	(b)	42,00,000 0 0
13	The Loan of 23½ Lakhs for Drainage and other Works	4 per cent. ...	23,25,000 0 0	.....	23,25,000 0 0	(b)	23,25,000 0 0
14	The Loan of 15¾ Lakhs for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 16 Lakhs)	3½ per cent. ...	15,75,000 0 0	.....	15,75,000 0 0	(b)	15,75,000 0 0
	Do. do. (2nd instalment of Rs. 5½ Lakhs)...	4 per cent. ...					
15	25 Lakhs Loan for Sewerage, Water and other Sanitary Works ...	4 per cent. ...	25,00,000 0 0	.....	25,00,000 0 0	(b)	25,00,000 0 0
16	20 Lakhs Loan for Plague purposes..	4 per cent. ...	20,00,000 0 0	.....	20,00,000 0 0	(b)	20,00,000 0 0
17	19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works..	4 per cent. ...	19,25,000 0 0	.....	19,25,000 0 0	(b)	19,25,000 0 0
18	24¾ Lakhs Loan for certain Sewerage and Water Works	4 per cent. ...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
19	12 Lakhs Loan for certain Water Works	4 per cent. ...	12,75,000 0 0	.....	12,75,000 0 0	(b)	12,75,000 0 0
20	The 2nd 24¾ Lakhs Loan for certain Sewerage Works	4 per cent. ...	24,75,000 0 0	.....	24,75,000 0 0	(b)	24,75,000 0 0
21	13¾ Lakhs Loan for the construction of quarters for Halalkhores and Beggars	4 per cent. ...	13,50,000 0 0	.....	13,50,000 0 0	(b)	13,50,000 0 0
22	The 15 Lakhs Loan for Street Improvements	4 per cent. ...	15,00,000 0 0	.....	15,00,000 0 0	(b)	15,00,000 0 0
23	The 30 Lakhs Loan for the Acquisition of site for the construction of different Overbridges in the City	4 per cent. ...	15,00,000 0 0	15,00,000 0 0	30,00,000 0 0	(b)	30,00,000 0 0
	Total of Loans raised from the Public ...	Rs. ...	5,25,76,000 0 0	15,00,000 0 0	5,40,76,000 0 0	99,000 0 0	5,32,77,000 0 0
	GRAND TOTAL ...	Rs. ...	5,49,08,204 14 4	15,00,000 0 0	5,64,08,204 14 4	1,26,058 4 8	5,62,88,146 9 8

W. E. WAITE,

Chief Accountant.

No. 7.

the sums set aside as Sinking Fund at 31st March 1911.

Interest paid in 1910-11.	Total of columns Nos. 6 and 8.	Remarks.
8	9	
Rs. a. p.	Rs. a. p.	(a) The amount stipulated to be paid off on 1st January 1911 was Rs. 1,01,000, which together with unpaid debentures aggregating Rs. 14,500 for the preceding years, aggregated Rs. 1,15,500 against which the debentures actually surrendered for payment up to 31st March 1911, amounted to Rs. 99,000. The unpaid balance thus amounts to Rs. 16,500 which is represented by the following debentures:—
		No. 2368 for Rs. 500 repayable on 1st January 1906 and Nos. 2780 to 2788, 2804 to 2815 for Rs. 500 each, repayable on 1st January 1909 and No. 2984 repayable on 1st January 1910 and Nos. 3180, 3181, 3188, 3189, 3246, 3249, 3250, 3251, 3259, 3260, repayable on 1st January 1911. The unpaid debentures do not carry interest beyond the due date and will be repaid from the renewed grant when the holders apply for payment.
92,317 11 4	1,18,976 0 0	(b) As under the terms of these Loans the bonds cannot be repaid to the holders before the dates stipulated in the Debentures, the Sinking Fund has been invested as under:—

	Amount of Sinking Fund invested up to 31st March 1910.	Sinking Fund Instalments paid in 1910-11.	Interest accumulations invested in 1910-11.	Total.
I.—5 per cent. Loans.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
44 Lakhs Sanitary Works Loan	15,12,662 5 10	40,786 10 6	70,507 2 5	16,23,896 2 9
7 Do. do. do. do.	2,34,774 6 9	8,207 4 8	10,720 2 5	2,53,441 13 10
147 Do. Tarsa Water Works Loan	12,7 ,210 10 2	65,006 5 6	58,364 4 1	13,80,381 8 9
12 Do. Drainage and Water Works Loan	4,22,785 11 5	12,678 4 1	19,391 4 0	4,54,855 3 6
Rs. 10,98,500 Miscellaneous Works Loan	3,21,539 1 7	11,732 5 1	15,047 2 3	3,48,318 8 11
Rs. 2,18,000 Arripada Horse Sullage Water Connections Loan	79,413 3 8	2,694 9 8	3,021 4 9	85,750 1 8
35 Lakhs Various Sanitary Works Loan	9,55,998 15 0	43,892 8 2	43,422 6 0	10,42,782 13 2
8 Do. Municipal Office Building Loan	2,09,224 18 7	9,111 15 0	9,748 14 1	2,28,085 10 8
Total I. ...	50,93,089 4 0	1,93,609 14 8	2,30,622 8 0	54,32,321 10 8
In 5 and 4 per cent. Municipal and Improvement Trust Debentures and in 3½ per cent. Govt. Paper at par lodged with the Bank of Bombay	50,08,000 0 0	4,24,232 6 8 4,24,000 0 0		54,32,000 0 0
Cash deposited with the Bank of Bombay	89 4 0	232 6 8		321 10 8
II.—4 per cent. Loans. (3½ per cent. basis.)				
4½ Lakhs Fire Brigade Quarters and Stations Loan...	1,98,764 11 8	8,219 12 5	7,733 10 11	2,03,718 3 0
42 Lakhs Loan for repayment of Balance of Government Consolidated Loan	16,94,236 1 2	81,082 6 11	65,226 4 9	18,40,594 12 10
23½ Lakhs Loan for Drainage and other Works ...	4,78,229 2 4	27,525 8 7	18,277 14 11	5,19,032 9 10
15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Certain Water Works (2nd Instalment)	1,68,326 13 9	7,660 3 5	4,190 0 0	1,80,177 0 5
25 Lakhs Loan for Sewerage, Water, &c., Works ...	3,35,221 15 9	29,446 6 3	12,851 15 2	3,77,520 5 2
20 Lakhs Loan for Plague purposes	7,11,898 0 1	69,941 2 5	29,803 2 1	8,41,642 4 7
19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works	2,33,441 15 2	22,588 1 3	9,256 12 9	2,65,286 13 2
24½ Lakhs Loan for Sewerage and Water Works ...	1,90,889 3 7	29,077 13 6	7,633 2 1	2,27,570 2 8
12½ Lakhs Loan for certain Water Works	1,34,929 12 9	24,812 13 0	5,370 12 4	1,64,613 7 1
2nd 24½ Lakhs Loan for Sewerage Works	The Sinking Fund of this loan is shown under a separate head below, it having been decided that the investments should be on a 3 per cent basis.			
58,352 8 0	58,352 8 0			
Total II ...	41,05,907 11 6	2,99,799 3 3	1,60,363 12 0	45,66,070 10 9
1,01,010 0 0	1,01,010 0 0			
77,630 0 0	77,630 0 0			
In 4 per cent. Municipal and Improvement Trust Debentures and in 2½ per cent. Govt. Paper lodged with the Bank of Bombay	41,05,668 2 0	4,60,162 15 3 4,60,000 0 0		45,65,668 2 0
76,660 0 0	76,660 0 0			
1,02,590 0 0	1,02,590 0 0			
Cash deposited with the Bank of Bombay	239 9 6	162 15 3		402 8 9
51,620 0 0	51,620 0 0			
III.—4 per cent. Loans (3 per cent. basis.)				
99,730 0 0	99,730 0 0			
2nd 24½ Lakhs Loan for Sewerage Works	1,02,662 6 8	32,885 1 4	3,506 11 8	1,39,054 5 8
13½ Lakhs Loan for the construction of Quarters for Halalkhores an Bigaries	28,940 8 0	28,876 9 0	1,440 6 11	58,756 14 11
15 Lakhs Loan for Street Improvements	.....	19,893 0 0	397 7 5	20,290 7 5
80 Lakhs Loan for acquisition of sites for Overbridges	.....	39,787 0 0	196 2 0	39,983 2 0
51,590 0 0	51,590 0 0			
59,507 14 7	59,507 14 7			
Total III. ...	1,31,602 14 8	1,20,941 1 4	5,540 12 0	2,58,084 12 0
In 3 per cent. Government Paper, etc., lodged with the Bank of Bombay	1,31,400 0 0	1,26,481 13 4 1,26,500 0 0		2,57,900 0 0
69,167 13 11	69,167 13 11			
Cash deposited with the Bank of Bombay	202 14 8	—18 2 8		134 12 0
IV.—3½ per cent. Loans.				
15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment)	1,94,036 13 8	10,641 7 8	7,060 1 4	2,11,738 6 8
In 3½ per cent. Government Paper, etc., lodged with the Bank of Bombay	1,94,001 9 0	17,701 9 0 17,500 0 0		2,11,501 9 0
Cash deposited with the Bank of Bombay	35 4 8	201 9 0		236 13 8
24,73,275 15 10	25,93,834 4 6			
GRAND TOTAL I, II, III and IV ...	94,39,686 11 10	6,24,991 10 6	4,03,587 1 4	1,04,68,215 7 8

P. R. CADELL,

Municipal Commissioner.

Appendix

SINKING

STATEMENT showing the Actual Investments on account of the Sinking Fund of Different to that date on the basis

NAME OF LOAN.	Amount raised.	When Repayable	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.
1	2	3	4	5
5 per cent. Municipal Loans.	Rs.	Rs.	Rs.	
44 Lakhs Sanitary Works Loan ...	44,00,000	1st July 1886 7,000 1st " 1887 4,48,000 1st " 1890 51,000 1st " 1895 1,60,000 1st " 1925 37,39,000	† 41,872	.....
7 Lakhs Sanitary Works Loan	7,00,000	1st February 1928 ...	8,170	1st February 1889...
147 Lakhs Tansa Water Works Loan ...	1,47,00,000	(*a*) Between 1st January 1928 and 1st Jan. 1953.	66,040	1st January 1893 ...
12 Lakhs Drainage and Water Works Loan.	12,00,000	1st January 1928 ...	(*b*) 12,616	1st January 1889 ...
Rs. 10,08,500 Miscellaneous Works Loan.	10,08,500	1st October 1928 ...	11,940	1st October 1889 ...
Rs. 2,48,000 Agripada House Sullage Water Connections Loan.	2,48,000	1st July 1929 ..	2,659	1st January 1891 ...
35 Lakhs various Sanitary Works Loan.	35,00,000	1st July 1930 ...	43,061	1st July 1891 ...
8 Lakhs Municipal Office Building Loan.	8,00,000	1st July 1931 ...	9,393	1st July 1892 ...
4 per cent. and 3½ per cent. Municipal Loans.				
4½ Lakhs Fire Brigade Quarters and Stations Loan.	4,50,000	1st January 1923 ...	8,570	1st January 1894 ...
42 Lakhs Loan for the repayment of the balance of Government Consolidated Loan.	42,00,000	1st July 1923 ...	80,678	1st July 1894 ...
23¾ Lakhs Loan for Drainage and other Works.	23,25,000	1st July 1935 ...	27,467	1st July 1896 ...
15¾ Lakhs Loan for Sewerage, Worli Bunder, etc., Roads, Burial Ground and certain Water Works —				
1st Instalment	10,00,000 raised at 3½ per cent.	1st July 1936 ...	(*c*) 11,147	1st July 1897 ...
2nd Do.	5,75,000 raised at 4 per cent.		7,286	
25 Lakhs Loan for Sewerage Water, etc., Works.	25,00,000	1st November 1939 ...	29,535	1st November 1900
20 Lakhs Loan for Plague purposes ...	20,00,000	1st May 1920 ...	70,482	1st May 1901 ...
19¼ Lakhs Loans for Sewerage Roads and other Sanitary Works.	19,25,000	1st June 1940 ...	22,698	1st June 1901 ...
24¾ Lakhs Loans for certain Sewerage and Water Works.	24,75,000	1st June 1943 ...	29,286	1st June 1904 ...
12¾ Lakhs Loan for certain Water Works.	12,75,000	1st August 1934 ...	24,698	1st August 1905 ...
2nd 24¾ Lakhs Loan for Sewerage Works.	24,75,000	1st August 1946 ...	(*d*) 82,823	1st August 1907 ...
18¾ Lakhs Loan for the construction of Quarters for Halalkhores and Bigarries.	18,50,000	1st May 1938 ...	28,376	1st May 1909 ...
15 Lakhs Loan for Street Improvements.	15,00,000	1st May 1949 ...	19,893	1st May 1910 ...
30 Lakhs Loan for the acquisition of Sites for the construction of various overbridges in the City.	30,00,000	1st May 1949 ...	39,787	1st November 1910
				Total Rs. ...

W. E. WAITE,
Chief Accountant.

No. 7 (a).

FUND.

Loans up to 31st March 1911, compared with the amounts which should have accumulated up of the Fixed Instalments.

Amount of Sinking Fund which should have accumulated up to 31st March 1911 at Compound Interest.	Amount actually invested up to 31st March 1911.	Amount of Interest due up to 31st March 1911 collected and invested in 1911-12.	Total of Columns 7 and 8.	Remarks.
6	7	8	9	10
Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
16,51,573	16,23,896 2 9	29,199 0 4	16,53,095 3 1	† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4344 of 5th February 1905.
2,59,902	2,55,441 15 10	4,177 12 11	2,59,619 10 9	* As Rs. 1,61,000 of this Loan were paid off by 31st December 1895, leaving a balance of Rs. 37,39,000 repayable on 1st July 1918, and as the Invested Sinking Fund on 31st March 1896 amounted to Rs. 4,31,647-15-5 the amount of the Annual Sinking Fund Instalment was reduced from Rs. 37,000 to Rs. 30,350 from 1st January 1897.
14,14,131	13,93,351 3 9	23,097 7 3	14,16,478 11 0	
4,62,636	4,54,655 3 [illegible]	7,751 2 4	4,62,409 5 10	(a) Rs. 2,00,000 repayable on 1-1-1938.
3,54,006	3,48,318 8 11	6,118 12 2	3,54,437 5 1	" 32,91,500 " " 1-1-1939.
87,285	85,759 1 8	1,454 8 4	87,213 10 0	" 22,08,500 " " 1-1-1942.
10,60,297	10,42,783 13 2	16,659 14 2	10,59,443 11 4	" 47,00,000 " " 1-1-1946.
2,31,638	2,28,985 10 8	3,873 5 7	2,31,959 0 3	" 10,00,000 " " 1-1-1948.
2,51,659	2,09,718 3 0	2,471 5 7	2,12,189 8 7	" 43,00,000 " " 1-1-1953.
18,63,109	18,70,494 12 10	31,048 8 4	18,61,643 5 2	(b) In January 1899 Rs. 10,000 were invested and in subsequent years Rs. 11,000.
5,26,175	5,19,032 9 10	5,876 13 5	5,24,909 7 3	
2,13,503	2,11,738 6 8	2,066 4 6	2,13,804 8 2	(c) In 1897-98 Rs. 18,975 were invested in 3½ per cent. Government Paper.
1,21,645	1,20,177 0 5	1,323 14 2	1,21,500 14 7	
3,81,819	3,77,520 5 2	4,766 7 8	3,82,286 12 10	
8,50,386	8,41,612 4 7	10,361 13 5	8,51,974 2 0	
2,68,013	2,66,291 13 2	3,199 5 0	2,68,431 2 2	
2,19,469	2,27,570 2 8	2,522 9 9	2,30,092 12 5	
1,65,669	1,64,613 7 1	1,291 13 5	1,65,905 4 6	
1,40,064	1,39,054 3 8	1,045 0 1	1,40,099 3 9	(d) The Sinking Fund of this Loan has been calculated on a 3 per cent. instead of 3½ per cent. basis since 1907-08.
59,187	58,756 14 11	410 13 2	59,197 12 1	
20,440	20,290 7 5	152 3 9	20,442 11 2	
40,284	39,983 2 0	299 9 11	40,282 11 11	
1,06,11,740	1,04,68,215 7 8	1,49,201 6 3	1,06,17,416 13 11	

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT showing the Interest outstanding on 1st April 1910 on the different of Bombay during that year, and the

	Name of each Loan.	Dates when raised.	Authority. Corporation Resolution.	Authority. Government Resolution.
	5 per cent. Loans.			
1	Drainage Loan of 1878 (Rs. 20,94,000) ...	1st November and 1st December 1878.	No. 1296 10-9-78.	No. 2351 25-9-78.
2	The Sanitary Works Loan of 1885-86 (Rs. 44,00,000).	Between 5th May 1885 and 30th March 1886.	Nos. 9021 and 356 8-12-81, 15-3-83 436 16-5-85	Nos. 2643 and 3771 17-7-83, 5-7-83, 15-10-85, 950 and 124 3-2-84 27-4-85.
3	The Sanitary Works Loan of 1888 (Rs. 7,00,000).	1st February 1888	No. 991 13-10-88.	No. 1427 4-5-88.
4	The Tansa Water Works Loan (Rs. 1,17,00,000).	Between 5th June 1891 and 24th December 1891.	Nos. 1213 and 235 13-11-89 9-3-91.	Nos. 161 1068 1220 12-2-85, 16-3-86, 31-3-86, 2974 3978 4198 21-6-87, 21-7-88, 8-10-89, 3197 and 3262-63 23-6-90, 15-9-91.
5	The Drainage and Water Works Loan of 1888 (Rs. 12,00,000).	1st January and 1st July 1888.	Nos. 524 and 1149 20-7-87 5-9-87.	Nos. 873 16-3-88.
6	The Miscellaneous Works Loan 1888-89 (Drainage and Water Works, Markets and Roads) (Rs. 10,48,500.)	Between 1st November 1888 and 1st July 1889.	No. 29 8-4-88.	Nos. 1337 3250 4138 7-3-88, 19-9-89, 24-11-90
7	The Agripada House Sullage and Water Connections Loan of 1889-90 (Rs. 2,48,000).	Between 1st January and 7th July 1890.	No. 4272. 8-10-86.	Nos. 6547 and 17 29-12-87 3-1-90.
8	The Various Sanitary Works Loans of 1890-91 (Rs. 35,60,000).	Between 25th September 1890 and 1st January 1892.	Nos. 77 3299 3405 4-1-86, 19-11-89, 7-1-90, 373 3452 6233 12-3-90, 23-11-89, 23-1-90, 433 1458 17-4-90 and 23-4-90.	No. 2392 22-8-90.
9	The Municipal Building Loan of 1891 (Rs. 5,00,000).	24th December 1891	No. 12331 9-2-91.	No. 2762 15-9-91.
	4 per cent. Loans.			
10	The Loan for Fire Brigade Quarters and Stations (Rs. 4,50,000).	23rd December 1892, 30th November and 1st December 1893.	No. 5144 8-5-92.	Nos. 1623 2361 2164 29-5-92, 14-6-92, 22-6-92 and 3145 6-9-92.
11	The Loan for repayment of the balance of the 4½ per cent. Government Consolidated Loan (Rs 42,00,000).	28th and 29th June 1893 ...	No. 13565 22-3-93.	No. 1789 6-6-93.
12	The Loan for Drainage and other Works (23,25,000).	12th and 31st January 1894 and 11th and 15th July 1895.	No. 6232 29-7-95.	Nos. 809 and 3744 3-3-94. 5-10-94.
13	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground, and certain Water Works (Rs 15,25,000 of which the 2nd instalment of Rs. 5,25,000 was raised at 4 per cent.).	17th July 1899	Nos. 104 13497 8912 12-4-98, 7-3-98, 7-11-98, 3976 12094/5 and 7-11-98, 1-2-97, 14 24 23-5-97.	Nos. 2505, 383 2220 22-8-98, 21-2-98, 2-4-99, and 7643 12-4-99.
14	The Loan for Sewerage and other Sanitary Works (Rs. 25,00,000).	17th and 18th July 1899 ...	Nos. 9976 12094/7 and 7-11-98, 1-2-97, 14125 18-5-97.	Nos. 3541 A Telegram 28-8-97, 26-7-98 and 2220 3-6-99.
15	The Loan for Plague purposes (Rs. 20,00,000).	6 lakhs raised between 16th July and 20th Dec. 1899, 6 lakhs raised in Nov. 1900, and 8 lakhs raised between 12th Aug. and 9th Oct. 1902.	No. 8099 6-12-97.	Nos. 4869 and 2220 5-9-98 3-6-99.
16	The Loan for Sewerage, Roads and other Sanitary Works (Rs. 19,25,000).	18th and 25th July 1899 and September 1900.	No. 624 18-4-98.	Nos. 4960 and 2540 3-9-98, 16-6-99.
17	The Loan for certain Sewerage and Water Works (Rs. 24,75,000).	6 lakhs raised between 15th June and 1st July 1901, 11 lakhs raised between 23rd Aug. and 31st October 1901, 4 lakhs raised between 18th Aug. and 28th Oct 1902, and 8½ lakhs raised on 9th Sep. 1903.	No. 1956 14-5-1900	No. 3457 15-6-1901.
18	The Loan for certain Water Works (Rs. 12,75,000).	1st September 1904	No. 241 29-4-08.	No. 4416 22-8-08.
19	The 2nd 2½ Lakhs Loan for certain Sewerage Works.	Rs. 12 lakhs raised on 3rd September 1906 and Rs. 12½ lakhs on 9th September 1907.		No. 4004 Telegram and 31-7-08 31-7-08. No. 4792 Telegram and 31-7-07. 3-9-07
20	The 13½ Lakhs Loan for the Construction of quarters for Halalkhorus and Bhiggaries.	7th August 1908	2204 of 29-6-08	No. 3447. 9-8-08.
21	The 15 Lakhs Loan for Street Improvements.	29th July 1909	No. 7558 of 20-3-07	No. 3178 19-8-08.
22	The 20 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City.	25th July 1909, and 10th August 1910	No. 181 of 8-4-09	No. 3562 29-7-09.
	3½ per cent. Loan.			
23	The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (Rs. 15,25,000, of which the 1st instalment of Rs. 10 lakhs was raised at 3½ per cent.)	1st December 1896	(*Vide* Reso. Nos. against Loan No. 13.)	(*Vide* Reso. Nos. against Loan No. 13) ... ...

W. E. WAITE,
Chief Accountant.

No. 8.

Loans, the amounts payable for the year 1910-1911, the amounts paid by the Bank Balances outstanding on 31st March 1911.

Date when Loan is repayable.	Interest outstanding on 1st April 1910.	Interest payable in 1910-1911.	Total Interest due.	Loss Interest paid by the Bank of Bombay.	Outstanding Balance on 31st March 1911.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1st January 1919...	16,625 0 0	55,800 0 0	72,425 0 0	56,175 0 0	16,150 0 0
1st July 1925	22,912 8 0	1,86,956 0 0	2,08,962 8 0	1,88,187 8 0	20,775 0 0
1st February 1928	5,262 8 0	35,000 0 0	40,262 8 0	34,237 8 0	6,025 0 0
Between 1st January 1828 and 1st January 1953.	27,537 8 0	7,35,000 0 0	7,62,537 8 0	7,32,525 0 0	30,012 8 0
1st January 1928	4,962 8 0	60,000 0 0	64,962 8 0	61,125 0 0	3,837 8 0
1st October 1928	637 8 0	50,425 0 0	51,062 8 0	50,500 0 0	562 8 0
1st July 1929	300 0 0	12,400 0 0	12,700 0 0	12,675 0 0	25 0 0
1st July 1930	11,475 0 0	1,75,000 0 0	1,86,475 0 0	1,74,375 0 0	12,100 0 0
1st July 1931	.....	40,000 0 0	40,000 0 0	40,000 0 0	.....
1st January 1923...	3,120 0 0	18,000 0 0	21,120 0 0	17,280 0 0	3,840 0 0
1st July 1923	16,650 0 0	1,68,000 0 0	1,84,650 0 0	1,68,640 0 0	16,050 0 0
1st July 1935	10,540 0 0	93,039 0 0	1,03,519 0 0	96,680 0 0	6,860 0 0
1st July 1936	1,020 0 0	20,000 0 0	21,020 0 0	20,020 0 0	1,010 0 0
1st November 1939	1,610 0 0	1,00,000 0 0	1,01,610 0 0	1,01,010 0 0	630 0 0
1st May 1928	3,950 0 0	80,000 0 0	83,950 0 0	77,630 0 0	6,320 0 0
1st June 1940	6,210 0 0	77,000 0 0	83,210 0 0	76,660 0 0	6,550 0 0
1st June 1948	7,170 0 0	99,000 0 0	1,06,170 0 0	1,02,590 0 0	3,120 0 0
1st August 1934	2,530 0 0	51,000 0 0	53,530 0 0	51,620 0 0	1,910 0 0
1st August 1946	1,590 0 0	98,000 0 0	99,590 0 0	98,230 0 0	1,360 0 0
1st May 1938	624 6 3	54,000 0 0	54,624 6 3	51,590 0 0	3,034 6 3
1st May 1949	1,280 9 5	60,000 0 0	61,289 9 5	59,597 14 7	1,772 10 10
1st May 1949	.....	73,203 7 2	73,203 7 2	69,167 13 11	4,035 9 3
1st July 1936	717 8 0	35,000 0 0	35,717 8 0	35,332 8 0	385 0 0
Total Rs. ..	1,46,644 15 8	21,80,778 7 2	25,27,423 6 10	23,80,358 3 6	1,47,065 2 4

P. R. CADELL,
Municipal Commissioner.

Appendix No. 9.

STATEMENT showing Works executed out of Loan Funds during 1910-1911.

Particulars.	Amounts.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—BUILDINGS AND SANITARY STRUCTURES—			
13½ LAKHS LOAN—			
Construction of chawls, &c., for Halalkhores at Valpakhadi (Mazagon)	8,351 9 4		
Construction of Sankli Tank Bullock Hospital with residential quarters for Inspector and Shaloris	75 7 10		
Construction of chawls for halalkhores and biggaries at Cochin Street	7,063 5 9		
Construction of stables and chawls for B Ward at Jail Road.	2,306 3 0		
Establishment charges for preparing plans, &c., of stables for carts and bullocks in the City	*Cr.* 1,075 8 1		
Commutation of Government interest on land acquired by the Municipality at Stable Street, Kamatipura, for Health Department	*Cr.* 1,300 0 0		
Construction of stables and chawls for D Ward bullocks and Biggaries at Glider Tank Site	1,078 8 1		
Construction of a stable for E Ward, West, at Kamatipura ...	1,504 9 0		
Construction of chawls for Halalkhores at Tardeo Phta ...	468 0 0		
		19,521 9 11	
SAVINGS ON DIFFERENT LOANS—			
Providing latrines and urinals at different places	666 13 11		
Constructing Office quarters and Store Room for the S. and B. Branch in G Ward at Delisle Road on the site of Foras Tank	2,873 12 11		
Construction of an additional storey over the Bhuleshwar Fire Brigade Station	6,248 2 7		
MARKETS—			
Market at Kamatipura	6,167 12 3		
		15,896 9 8	
ADVANCES FROM SURPLUS BALANCES—			
Construction of shops on the West and South sites of the Arthur Crawford Markets	139 5 8		
Construction of an Engine House and Foreman's quarters at the Sankli Tank Fire Brigade Station	1 15 2		
Building a new office in the Sankli Street for the use of the Assessment Department, E Ward Office, and constructing a Ward Office, Chowkidar's Quarters and Store Room for the Streets and Buildings Branch, F Ward, in Sankli Street	5,219 6 3		
Acquisition of land and properties at Jail Road, North, for the construction of stables and chawls for the Health Department	*Cr.* 1,079 8 0		
Construction of 25 bathing places in the City	388 15 5		
Building a new office for the use of F and G Ward Offices at Dadar and converting the existing Ward Office into a godown and providing latrines for the workmen	1,406 0 2		
Advances—Carried over Rs. ...	6,073 2 8		
Carried forward Rs. ...		35,468 3 7	

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.		35,468 3 7	
A—BUILDINGS AND SANITARY STRUCTURES—*contd.*			
Advance, &c., carried and Brought forward ... ... Rs.	6,078 2 8		
Making alterations in the three permanent wards of the Arthur Road Hospital, and in gas and other lighting arrangement in the compound, wards, &c., in the Arthur Road Hospital	16,917 13 10		
Purchase of about 4,030 square yards of land at the Junction of Rapti Road and Falkland Road belonging to the Tramway Authorities	1,22,110 0 0		
Construction of a Fire Brigade Station at Elphinstone Bridge Road	*Cr.* 5 5 2		
Construction of Buildings for Primary Schools	1,10,748 13 3		
Construction of A Ward offices for the different branches of the Engineer's Department at Mint Road	3,350 15 3		
Constructing additional rooms and adding a storey over several Fire Brigade Stations to provide accommodation for additional staff	22 4 0		
		2,59,252 8 10	
Total A Buildings and Sanitary Structures			2,94,720 12 5
B. ROADS & OVERBRIDGES—			
15 Lakhs Loan—			
Streets Improvement in different places		1,46,706 7 7	
30 Lakhs Loan—			
Over bridge at Currey Road, G. I. P. Railway	3,09,336 4 3		
Do. at Arthur Road do.	38,488 2 9		
Do. at Clerk Road do.	2,29,086 7 2		
Do. at Elphinstone Road, B. B. & C. I. P. Railways	93,764 6 5		
Establishment charges for various Overbridges	6,922 9 8		
		7,27,686 5 3	
Advances from Surplus Balances—			
Acquisition of land for—			
(1) Street Improvements in different places	1,55,983 4 6		
B.—For New Streets—			
At Cavel 1,414 0 10	1,414 0 10		
Construction of a New Road through Cavel from Girgaum Road to Kalbadevi Road upto the Church of Lady of Health	35,468 3 7		
Widening of Cruickshank Road and improvement of the Corner of Cruickshank and Esplanade Road	28,047 4 2		
		2,01,913 3 7	
Advances to be adjusted against recoveries from the C. I. Trust—			
At Pira Lane	1,635 10 4		
		1,63 10 4	
I—Roads and Overbridges—carried over ... Rs.		11,76,891 10 9	
Carried forward Rs. ...			2,94,720 12 5

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought *forward* ...Rs.			2,94,720 12 5
B.—ROADS AND OVERBRIDGES—*contd.* and Brought forward ...Rs.		11,26,891 10 9	
ADVANCES TO BE ADJUSTED AGAINST SALE PROCEEDS OF SURPLUS LAND—			
At Dadysett Agiary Street	*Cr.* 13,081 11 8		
At Old Nagpada Street	69 8 10		
At Chunam Kiln Cross Lane	541 8 9		
		Cr. 12,470 10 10	
Grand Total for B. Rs....			11,14,420 15 11
C.—DRAINAGE—			
24½ LAKHS LOAN—			
Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City	417 7 8		
Completion of house drainage connections in different parts of the City	12,203 10 2		
		12,621 1 10	
SECOND 24½ LAKHS LOAN—			
Construction of a new outfall at Worli Point		2,009 0 0	
13½ LAKHS LOAN—			
Construction of a sealed Sewage main from the Elphinstone Road Ejector Station to Worli Road...		51,162 14 9	
C—Drainage—Carried over Rs. ...		65,794 6 7	
Carried over Rs....			14,09,141 12 1

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...	.....	.....	14,00,141 12 4
C—DRAINAGE—contd. and Brought forward .. .. Rs.	.....	95,784 0 7	
SAVINGS ON DIFFERENT LOANS—			
Construction of Permanent Manholes over Drains	749 4 1		
Giving Street Connections to Storm-water drains in the City	2,131 1 5		
Laying a 6" pipe drain in the passage behind the new building of Mr. Hormasji Vakil	2,626 6 5		
Laying a 9" pipe drain at Elphinstone Road	772 15 11		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle	2,086 12 11		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle	1,900 9 11		
Storm-water drain in Haines Road from Khatao M. Mill to Jacob Circle	13,841 13 3		
Laying a 6" pipe sewer in the passage opening on to Portuguese Church Road	226 4 2		
Laying a 4' C. I. Pipe drain from DeLisle Road to the boundary of the Century Mill premises	4,816 0 10		
Providing an additional pipe Sewer and Ejector in Fergusson Road near its junction at DeLisle Road (North) ...	8,000 0 0		
Laying a 6" pipe Sewer in the passage near the Lunatic Asylum, Colaba	1,364 5 4		
Laying a branch drain in the passage off Mount Pleasant Road	727 10 6		
Laying a 6" pipe sewer at Banganga Tank Lane	929 8 9		
Laying a 7" pipe drain on the eastern boundary of the Babula Tank	4 13 4		
Laying a 6" pipe drain in Gowalia Tank Road	387 11 9		
Laying a 6" pipe drain at Victoria Bunder Road	387 11 6		
Laying a 9" pipe drain in Kamathipura 9th Street	66 14 2		
		40,902 18 4	
ADVANCES FROM SURPLUS BALANCES—			
Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road	1,079 2 4		
Providing an additional pipe sewer and ejector in Fergusson Road near its junction at DeLisle Road, North ... Cr.	8,158 8 11		
Construction of a S. W. Drain from the junction of Reay and Connaught Roads to the Harbour near Lakri Bunder ...	1,46,705 6 3		
Construction of a Storm-water drain in DeLisle Road, south of Arthur Road	29,371 15 10		
Construction of a S. W. Drain in Elphinstone Road, West...	12,771 5 2		
Construction of a S. W. Drain in Ghorupdeo Road, ...	17,254 2 8		
Construction of a S. W. Drain in Mughbhat Lane	8,621 15 6		
Laying a 4" air main in Victoria Extension Road from the junction of Victoria Road and Mount Road to Ejector Stn. No. 2, Mazagon, in place of the existing 2½" C. I. Main	4,320 0 2		
Advances—Carried over Rs....	2,11,465 6 7		
C—Drainage Works—Carried over Rs....		1,36,686 18 11	
Carried over Rs. ...			14,00,141 12 4

Appendix No. 9—*continued.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...	.....	.....	14,00,141 12 4
C—DRAINAGE—contd. and Brought forward Rs.	.....	1,36,686 18 11	.....
Advances—contd., and Brought forward ... ... Rs.	2,11,463 6 7		
Construction of a S. W. Drain in Ripon Road from Agripada drain to Jacob Circle	Cr. 2,086 12 11		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle	Cr. 1,360 5 11		
Storm-water drain in Haines Road from Khatao Makanji Mill to Jacob Circle	Cr. 13,844 13 3		
Permanent Manholes over drains...	9,222 12 1		
Measures for relieving the surcharging of sewers	4,99,239 11 7		
Construction of Drainage Staff Office and Quarters and an office for the Head Plumber at Babula Tank and providing fencing round the Drainage Chowkey and metalling the yard	15,337 15 6		
Constructing a Storm-water drain in Queen's Road from Wodehouse Road Bridge to Band Stand	10,359 3 8		
Sewerage of Malabar Hill District	275 3 4		
Provision of Ejectors in the Colaba Sub-District	17,731 13 3		
		7,38,369 12 8	
Grand Total for C ...			8,75,056 11 7
D—WATER WORKS—			
25 LAKHS LOAN—			
Main along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir	168 1 9		
9" Main from Ghorupdeo Road to Jackeria Bunder Road and 6" Main from thence to Sewri Cemetery Road ...	3,188 2 6		
		4,356 3 3	
18½ LAKHS LOAN—			
Renewal of water mains in the Girgaum District for improvement of the water supply	.....	12,816 14 7	
24½ LAKHS LOAN—			
Distribution mains in Pardeo and Gamdevi Roads	.....	6,747 11 9	
17½ LAKHS LOAN—			
9" and 6" mains in the new Roads in the Agripada District...	1,644 11 5		
Construction of additional filters at Malabar Hill Reservoir.	Cr. 8 9 5		
Removing and relaying the 32" Vehar main south of Kurla...	14,307 15 6		
		15,944 6 6	
D—Water Works—Carried over ...	.....	42,359 8 8	
Carried over ...			22,84,198 7 11

Appendix No. 9—*continued.*

Particulars.	Amount.	Total	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...	.....	.....	22,84,198 7 11
D—WATER WORKS—(contd.) and Brought forward Rs. ...	.....	42,359 8 8	.....
SAVINGS ON DIFFERENT LOANS—			
Laying water mains in B Ward	179 12 6		
Replacing 32" Vehar pipes for 1½ miles by 48" C. I. main North of Kurla	61,145 14 0		
Constructing office quarters and Store Rooms for the W. W. (G Ward, at Dadisle Road on the site of Forra Tank	2,887 2 2		
		64,510 12 10	
ADVANCES FROM SURPLUS BALANCES—			
Laying a 6" riding main in Kavasji Patel Tank Road... ...	2,901 2 9		
Fixing Deacon's Meters on the distributing mains	10,260 1 3		
Removing and relaying the 32" Vehar main South of Colaba (pending realisation by the sale of old pipes and lead) ...	2,151 14 6		
Replacing 8" water main in Mahomedan Street at Ripon Road by a 9" main	2,382 11 1		
Connecting up the Dead End of the 4" main in Kalachwadi Lane with the main in Girgaum Back Road...	675 6 8		
Laying a 6" main in new Mathew Road	0 15 4		
Laying new water mains and fixing hydrants in the roads (City Improvement Scheme No. IV.)	774 5 0		
Mains from 48" Tansa main at Chinchpokli to Grant Road and 32" main from Grant Road to Malabar Hill	Cr. 5,185 21 2		
Laying water mains in A Ward	35,623 10 3		
Do. do. B ,, ...	23,549 15 10		
Laying an additional main 9" in diameter running due west from a point on the 24" main somewhat north of Government House, Parel, to join the 4" main in Lady Jamsetji Road	3,394 2 10		
32" Outlet main from Malabar Hill to Chowpatti	1,758 4 2		
Replacing 3" main in Mughbhat Cross Lane by a 9" main ...	28 10 7		
3" main in Gunpowder Road to be replaced by a 9" main and extended to join the 9" main in Reay Road	737 0 5		
Replacing 3" water main in Mazagon Road by a 9" main and extending it to join the 4" main in Wadi Bunder Road ...	127 6 1		
		93,273 15 3	
Total for D ...			(a) 1,98,143 4 9
Grand Total for A, B, C and D Carried over Rs. ...			24,82,342 12 8

(a) This is exclusive of Rs. 24,208-15-7 met out of Worn-out Water Mains Renewal Fund.

Appendix No. 9—*concluded.*

Particulars.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs. ...			24,82,342 12 8
E—CEMETERIES—			
ADVANCES FROM SURPLUS BALANCES—			
Extension of the Sewri Cemetery	11,446 9 8		
Providing a Burial Ground at Haines Road for the Portuguese Community	6,347 1 11		
Providing a Burial Ground for Mahomedans in G Ward at Antop Hill, Matunga	5,606 11 3		
		23,380 6 5	
Total for E Rs. ...			23,380 6 5
F—DISPOSAL OF TOWN SWEEPINGS—			
19½ LAKHS LOAN—			
Extra cost of the Scheme for the Disposal of Town Sweepings at Deonar		8,084 3 5	
SAVINGS ON DIFFERENT LOANS—			
20 Additional Wagons for the Disposal of Town Sweepings.		Cr. 2,615 6 0	
ADVANCES FROM SURPLUS BALANCES—			
Construction of six Cutchra Wagons		Cr. 2,662 9 0	
Total for F Rs. ...			2,806 13 5
G—MISCELLANEOUS—			
ADVANCES FROM SURPLUS BALANCES—			
Filling in the Babula Tank with Debris		510 9 0	
Total for G Rs. ...			510 9 0
Loan Works Grand Total Rs. ...			25,08,999 9 6

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix No. 9-A.

STATEMENT of Expenditure on Plague Operations for 1910-1911 contrasted with the figures for 1909-1910.

Actual Expenditure for 1909-10.	Particulars.	Actual Expenditure for 1910-11.
Rs. a. p.		Rs. a. p.
	Free Medical Relief—	
	Hospitals—	
25,489 14 6	I. Maratha Hospital	30,324 1 3
Cr. 3,295 1 6	II. Colaba Hospital	.....
11,978 10 9	Maintenance of Camps	13,085 15 9
15,101 8 10	New Municipal Contribution to Private Health Camps, Dispensaries, &c. ...	11,378 8 2
382 6 6	Cutting off service pipes	402 12 8
352 0 0	Fees for notification of plague cases	101 0 0
22,279 3 9	General supervision	21,681 7 11
.....	Firewood for cremation of dead bodies	93 12 0
879 0 0	Law charges	.....
57,745 15 8	Disinfection	54,967 12 1
11,152 1 0	Registration	10,476 10 7
37,875 3 9	Rat destruction	41,689 6 1
172 3 6	Inoculation	21 11 1
661 10 0	Discretional relief	323 11 6
29,739 14 11	Plague allowance to persons removed from infected areas to healthy localities	95 0 0
3,079 1 6	Grain compensation	.....
7,151 15 8	Local allowance	2,506 1 10
.....	Overcrowding Inspectors	776 0 0
2,01,556 3 7		*1,87,962 2 6
670 3 2	*Less*—Miscellaneous Receipts on account of ground rent, &c.	727 13 7
2,00,915 0 5	Total Rs. ...	1,87,234 5 11

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT showing the Liabilities and Assets

Liabilities.	Amount.	Total.	Grand Total.
	Rs.	Rs.	Rs. a. p.
I.—Debt.			
Due to Government—			
Vehar Debt			23,11,146 9 8
Due to the Public.			
	Original.	Repaid.	Balance.
3 per cent. Loans.	Rs.		
Drainage Loan of 1868	76,94,000	16,62,500	10,31,500
Sanitary Works Loan of 1881-86	44,00,000	6,61,000	37,39,000
Sanitary Works Loan of 1888	7,00,000	.....	7,00,000
12 Lakhs Drainage and Water Works Loan	12,00,000	.....	12,00,000
Rs. 10,08,500 Miscellaneous Works Loan	10,08,500	.....	10,08,500
Rs. 2,48,000 Agripada House Sullage Water Connection Loan ...	2,48,000	.....	2,48,000
35 Lakhs Various Sanitary Works Loan	35,00,000	.....	35,00,000
147 Lakhs Tansa Water Works Loans	1,47,00,000	.....	1,47,00,000
8 Lakhs Municipal Office Building Loan	8,00,000	.....	8,00,000
Total 3 per cent. Loans ...	7,92,50,500	23,23,500	2,69,27,000
4 per cent. Loans.			
1¼ Lakhs Loan for Fire Brigade Quarters and Stations	1,50,000	.....	1,50,000
12 Lakhs Loan for Repayment of Balance of Government Consolidated Loan	12,00,000	.....	12,00,000
23¾ Lakhs Loan for the construction of Drainage, Water Works and other Works	23,75,000	.....	23,75,000
15¼ Lakhs Loan for the construction of Sewerage, Watl Bunder, &c., Roads, Burial Ground and certain Water Works (2nd Instalment)	5,75,000	.....	5,75,000
25 Lakhs Loan for Sewerage, Water and other Sanitary Works ...	25,00,000	.....	25,00,000
19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works ...	19,75,000	.....	19,75,000
20 Lakhs Loan for Plague Expenses	20,00,000	.....	20,00,000
24¾ Lakhs Loan for Sewerage and Water Works	24,75,000	.....	24,75,000
12¾ Lakhs Loan for certain Water Works	12,75,000	.....	12,75,000
Second 24¾ Lakhs Loan for certain Sewerage Works	24,75,000	.....	24,75,000
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Beggaries	13,50,000	.....	13,50,000
15 Lakhs Loan for Street Improvements	15,00,000	.....	15,00,000
30 Lakhs Loan for the construction of Overbridges in the City ...	30,00,000	.....	30,00,000
Total 4 per cent Loans ...	2,60,50,000	.....	2,60,50,000
Debt due to the Public—Carried over ... Rs. ...	5,53,00,500	23,23,500	5,29,77,000
Do. Govt. &c.	.....	.....	23,11,146 9 8

No. 10.

of the Bombay Municipality at 31st March 1911.

Assets.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Cash Balance at 31st March 1911 in the Office and Bank Treasuries—			2,88,472 4 3
II. Advances Recoverable.—			
a. Cash advanced to Municipal Officers		13,850 12 1	
b. Inter-departmental Charges—			
Workshops (Private and Departmental Works)	12,915 10 0		
Engineer's Department (Private Works)	18,159 6 4		
Engineer's Department (Departmental Works)—	10,474 8 3		
	41,549 8 7		
c. Advances to Contractors		17,298 9 8	
d. Miscellaneous		40,971 2 3	
e. Advances to the Chief Auditor and Accountant, G. I. P. Ry.		18,257 3 7	
f. New Works to be subsequently provided for under a new loan to be raised		365 14 10	
			1,32,308 3 0
III. Investments.—			

a. **Surplus Funds Deposits—Paper.**	Face value. Rs. a. p.	Actual cost. Rs. a. p.	Deposit—Current account & fixed deposits. Rs. a. p.		
4 per cent. Municipal Debentures	39,000 0 0	38,877 8 8			
4 per cent. Bombay Improvement Trust Debentures	2,02,500 0 0	2,02,559 6 0			
3½ per cent. Government Paper	3,06,300 0 0	2,95,177 12 4			
3 per cent. Government Paper	2,42,100 0 0	2,09,416 8 6			
Total ...	7,90,900 0 0	7,46,031 2 4	27,43,905 13 2	34,89,936 15 6	34,89,936 15 6
b. **Loan Funds.—**					
4 per cent. Municipal Debentures	3,67,000 0 0	3,66,900 0 0			
4 per cent. Bombay Improvement Trust Debentures	77,000 0 0	77,696 4 0			
3½ per cent. Government Paper	3,91,500 0 0	3,78,378 2 0			
Total Loan Funds ...	8,35,500 0 0	8,21,974 6 0	13,06,601 6 8	21,28,575 12 8	(a) 21,28,575 12 8
c. **Sinking Funds —**			Cash Deposits and Current Accounts.		
3 per cent. Municipal Loans.—					
3 per cent. Municipal Debentures	34,66,000 0 0	34,66,000 0 0			
4 per cent. Municipal Debentures	5,46,000 0 0	5,46,000 0 0			
4 per cent. Bombay Improvement Trust Debentures	5,97,500 0 0	5,97,500 0 0			
3½ per cent. Government Paper	8,22,500 0 0	8,22,500 0 0			
Total ...	54,32,000 0 0	54,32,000 0 0	321 10 3	54,32,321 10 3	
4 per cent. Municipal Loans—(3½ per cent. Basis).—					
4 per cent. Municipal Debentures	15,27,500 0 0	15,27,316 6 3			
4 per cent. Bombay Improvement Trust Debentures	22,36,500 0 0	22,36,551 11 2			
3½ per cent Government Paper	8,01,800 0 0	8,01,800 0 0			
Total 4 per cent. ...	45,65,800 0 0	45,65,668 2 0	402 8 9	45,66,070 10 9	
4 per cent. Municipal Loans—(3 per cent. Basis.)—					
3 per cent. Government Paper	2,57,900 0 0	2,57,900 0 0			
Total ...	2,57,900 0 0	2,57,900 0 0	184 12 0	2,58,084 12 0	
3½ per cent. Loans.—					
4 per cent. Municipal Debentures	20,000 0 0	20,000 0 0			
4 per cent. Bombay Improvement Trust Debentures	30,000 0 0	30,000 0 0			
3½ per cent. Government Paper	1,64,300 0 0	1,61,561 9 0			
Total ...	2,14,300 0 0	2,11,561 9 0	286 15 8	2,11,758 6 8	
Total Sinking Funds ...	1,04,70,000 0 0	1,04,47,063 11 0	1,145 12 8	1,04,68,215 7 8	*1,04,68,215 7 8
d. **Special Funds.—**					
MUNICIPAL BUILDINGS FIRE INSURANCE FUND.					
5 per cent. Municipal Debentures	27,000 0 0	27,000 0 0			
4 per cent. Municipal Debentures	27,500 0 0	27,692 3 0			
4 per cent. Bombay Improvement Trust Debentures	74,500 0 0	76,280 15 6			
3½ per cent. Government Paper	4,500 0 0	4,688 8 8			
Total ...	1,33,500 0 0	1,35,611 10 8	267 6 10	1,35,219 1 6	
Special Funds carried over Rs....	1,33,500 0 0	1,35,611 10 8	267 6 10	1,35,219 1 6	
Carried over Rupees ...	.....	.....	.....	.....	1,60,86,228 3 10 4,20,775 7 3

(a) Of this Rs. 8,61,089-3-8 belong to the Water Works Account.

* Of this Rs. 40,54,874 belong to the Water Works Account.

Appendix

LIABILITIES AND ASSETS of the Bombay

Liabilities.		Amount.	Total.	Grand Total.
		Rs.	Rs.	Rs. a. p.
Debt due to Govt. Brought forward		.....	.....	23,14,146 9 8
	Original. Rs.	Repaid.	Balance.	
Do. to the Public. Brought forward	5,53,00,500	23,23,500	5,29,77,000	
3½ % Loans.				
15½ Lakhs Loan for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Grounds and certain Water Works (1st Instalment)	10,00,000	.....	10,00,000	
Total 5 %, 4 per cent, and 3½ per cent, Loans...	5,63,00,500	23,23,500	5,39,77,000	
Total Debt due to the Public Rs. ...				5,39,72,000 0 0
II.—Deposits.				
Contractors', &c., deposits in Cash...		4,14,321 7 4		
Deposits on account of works performed for private parties		21,041 10 11		
Contractors', &c., Government, &c., Paper Deposits (Lodged with the Bank of Bombay		2,68,000 0 0	4,53,363 2 3	
Contractors', &c., Government, &c., Paper Deposits (kept in Office)		27,000 0 0		
Paper Deposits from Municipal Employés and Contractors, pending submission to the Bank of Bombay (kept in office)...		300 0 0		
Contractors' Securities held under objection		500 0 0		
Deposits on account of Sir Mangaldas Nathoobhai's Clock		500 0 0		
Government of Bombay on account of Income Tax recovered from Establishments.		27 8 4	2,97,300 0 0	
Income Tax recovered from Owners of Public Land conveyances		197 9 6		
Court Attachments		.....	225 1 10	
			1 6 0	
Miscellaneous Receipts, Stores Dept, Supervision Charges on stores sold		59 2 0		
Profit on sale of stocks		4,116 14 5	4,167 0 5	
Interest realized on Government, &c., Paper lodged by Municipal Employés, Contractors, &c.		227 8 11		
(Government of Bombay) Land Conveyance Licenses, &c.:—				
Through Chief Accountant on account of License Fees, Badges, &c.		4,480 1 0		
Government of Bombay—Expenses for feeding indigent persons to the Pasteur Institute at Kasauli or Coonoor		100 0 0	4,807 9 11	
Bank of Bombay on account of Contractors' Securities held under objection ...				7,42,064 4 5
				12,700 0 0
III.—Purchases (Stores)			18,226 3 6	
Stock adjustment account			12,598 4 1	
				30,824 7 7
IV.—Loan Works Establishment				17,869 15 8
V.—Cheques Payable				44,879 0 0
VI.—Book value of Municipal Land at Agripada, &c., transferred to the Improvement Trust				17,20,283 5 11
VII.—Contribution from Government towards the cost of Primary School Buildings...				2,00,000 0 0
Total Liabilities ...				5,90,68,677 11 3
Balance being Assets in excess of Liabilities				2,46,20,192 1 2
Total Rs. ...				8,36,80,870 12 5

W. E. WAITE,
Chief Accountant.

No. 10—*concluded.*

Municipality at 31st March 1911.

Assets.	Nominal value.	Actual cost.	Cash deposits and Current accounts.	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...					1,60,86,728 3 10	4,20,775 7 3
Special Funds brought-over	1,33,500 0 0	1,35,011 10 8	207 6 10	1,35,219 1 6		
2. Worn-out Water Mains Renewal Fund—						
5 per cent. Municipal Debentures... ...	1,45,500 0 0	1,45,500 0 0				
4 per cent. Municipal Debentures... ...	1,61,000 0 0	1,58,791 14 0				
4 per cent. Bombay Improvement Trust Debentures...	2,24,000 0 0	2,27,286 9 0				
3½ per cent. Government Paper	24,500 0 0	25,042 8 0				
Total ...	5,56,000 0 0	5,56,620 15 0	155 12 11	5,56,776 11 11		
3. Net Premia Fund—						
5 per cent. Municipal Debentures ...	22,000 0 0	22,000 0 0				
4 per cent. Municipal Debentures ...	25,500 0 0	25,842 8 0				
4 per cent. Bombay Improvement Trust Debentures	32,000 0 0	32,509 1 0				
Total ...	79,500 0 0	80,351 9 0	356 15 3	(a) 80,708 8 3		
Total Special Funds ...	7,68,000 0 0	7,71,984 2 8	720 3 0	7,72,704 5 8	7,72,704 5 8	
					1,68,59,432 9 6	
e. Contractors', &c., Paper Deposits				2,68,000 0 0		
f. Paper Deposit on account of Sir Mangaldas Nathubhai's Clock				500 0 0		
					2,68,500 0 0	
						1,71,27,932 9 6
IV. Reserve Stock—						
Serviceable Stores—						
Stock				3,16,008 14 6		
Water Works Imprest				1,376 4 5		
					3,47,885 2 11	
Line suspense account					1,18,731 13 1	
Executive Engineer's Stores (Kerosine Oil)					136 11 0	
					1,66,253 14 0	
Surplus and obsolete stores					43,086 12 0	
						5,09,340 7 0
Sales Stores						18,348 12 7
V. Loan Works—Construction						
a. Buildings and Sanitary Structures				62,53,925 6 5		
b. Roads and Bridges				60,55,289 6 8		
c. Drainage (including Buildings)				1,56,97,558 2 4		
d. Water Works (Do.)				2,95,05,959 3 6		
e. Cemeteries (Burning and Burial Grounds)				6,20,455 3 0		
f. Disposal of Town Sweepings				10,79,005 13 1		
g. Miscellaneous				30,151 3 3		
					5,93,42,311 6 3	
VI. Unbooked Property					45,37,835 11 11	
VII. Other Property—					6,38,89,180 2 2	
Land transferred to Bombay Improvement Trust					17,30,293 5 11	
						6,56,10,473 8 1
Total Rs. ...						8,36,86,870 12 5

(a) Of this Rs. 66,947-0-1 belong to the Water Works Account.

P. R. CADELL,
Municipal Commissioner.

Appendix No. 10-A.

SCHEDULE of New Works, &c., carried out from Loan and Special Funds upto 31st March 1911.

	Amount.	Total.	GRAND TOTA
	Rs. a. p.	Rs. a. p.	Rs. a.
A.—BUILDINGS AND SANITARY STRUCTURES—			
Bandora Slaughter Houses	2,54,297 12 8		
Workshop and Store Shed	1,49,073 7 1		
Girgaum Police Court (Share of)	24,000 0 0		
Null Bazar Market	1,50,770 1 7		
Fort Market	22,966 7 11		
Arthur Crawford Market	11,39,410 11 6		
		17,29,624 8 9	
44 Lakhs Sanitary Works Loan—			
Enlargement of Dhobi Lines at Mahaluxmi	28,490 12 3		
Chawl for Gowlies working at the Agripada Milch-Cattle Stables	6,129 13 6		
Health Department Stables at Bori Bunder	43,677 13 3		
Establishment Charges for the above three Works	8,803 2 6		
		87,110 9 6	
10,08,500 Miscellaneous Works Loan—			
Market at Colaba	*a* 44,396 15 11		
Extension of Erskine Road Market	*b* 3,99,758 0 0		
Extension of the Arthur Crawford Mutton Market	42,754 2 9		
		4,86,906 2 8	
35 Lakhs Various Sanitary Works Loan—			
Health Department Bullock Stables and Quarters for Scavengers	1,23,807 4 11		
Bhuleshwar Market Extension	3,22,817 1 11		
Labourers' Quarters in connection with the Arthur Crawford Market	9,578 14 3		
Foras Road Market	48,499 14 11		
Chawl for Halalkhores in Cursetji Suklaji Street	88,460 8 2		
		5,85,193 12 2	
8 Lakhs Loan and Special Investment Fund—			
Municipal Office Buildings		*c* 14,67,386 11 3	
4½ Lakhs Fire Brigade Loan—			
Land and Buildings for Fire Brigade		4,03,320 6 1	
13¼ Lakhs Various Sanitary Buildings Loan—			
Construction of Chawls, &c., for Halalkhores at Valpakhadi (Mazagaon)	1,71,229 6 1		
Construction of semi-permanent huts for Biggaries at Arthur Road	28,379 0 10		
Construction of Sankli Tank Bullock Hospital	21,252 9 11		
Construction of Chawls for Halalkhores, &c., at Cochin Street	56,554 5 6		
Construction of stables and Chawls for B Ward at Jail Road	5,085 14 8		
Construction of stables on Grant Road Hospital site	47,334 4 7		
Construction of stables and Chawls for D Ward Bullocks and Biggaries at Gilder Tank site	1,078 8 1		
Construction of stable for E Ward, west of Kamatipura	1,504 0 0		
Construction of Chawls for Halalkhores at Tardeo Flats	468 0 0		
Construction of a stable for Bullocks of Night Branch and an Office at Arthur Road	64,655 2 4		
		3,97,541 4 0	
Executed out of Savings on different Loans—			
Providing living and other accommodation at the Gowalia Tank Road, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations	12,527 2 2		
Constructing Lascars' quarters, &c., at Gowalia Tank Fire Brigade Station	8,983 1 10		
Executed out of Savings on different Loans, carried over ...Rs.	21,510 4 0		
A.—Buildings and Sanitary structures carried over Rs. ...		51,57,083 6 5	

(*a*) Exclusive of Rs. 21,940 paid out of the premia received on the Loan, and Rs. 28,040 paid out of Savings on different Loans.

(*b*) Exclusive of Rs. 31,908-11-11 paid out of the premia received on the Loan.

(*c*) Inclusive of Rs. 7,34,326-8-3 paid out of the Invested Fund.

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—Buildings and Sanitary Structures.—*contd.*	.....	51,57,083 6 5	
Executed out of Savings, &c.,—*contd.* Brought forward ... ... Rs.	21,510 4 0		
Latrines at Colaba	20,290 13 10		
Constructing new Quarters for an Engineer and 10 Lascars at Sankli Tank Fire Brigade Station	13,537 13 11		
Portion of Cost of Site for the Colaba Market	28,060 0 0		
Currey Road Market	15,252 5 10		
Market at Chowpati	68 0 0		
Health Department Stables in F & G Ward...	68,120 8 2		
Market at Elphinstone Road	16,242 13 8		
Construction of a Cook-room in connection with the existing Engineer's Quarters and two Nahanis in connection with the Lascars' Quarters at Sankli Tank Fire Brigade Station	1,382 10 8		
Health Department Bigaries' Chawl at Bori Bunder	50,058 0 7		
Constructing a chawl of 52 rooms at the Bandora Slaughter Houses ...	31,240 0 8		
Providing Latrines and Urinals at different places	53,260 1 3		
Providing accommodation, &c., for the General Stores	38,253 5 5		
Acquisition of land at Colaba as a Site for Quarters for Halalkhores ...	4,268 4 10		
Providing wooden racks in Block No. 2, of the Central Stores Building at Chinchpokli	2,495 5 4		
Market at Kamatipura	35,908 12 5		
Constructing office quarters and store-room for S and B Branch in G Ward at Delisle Road on the site of Foras Tank	19,276 1 5		
Construction of an additional storey over the Bhuleshwar Fire Brigade Station	6,902 12 3		
		4,25,113 1 10	
Advanced from Surplus Balances—			
Construction of additional quarters for Fire Brigade Staff at Byculla Fire Brigade Station	30,995 8 8		
Cost of preparing plans and estimates of the proposed new Municipal Work-hops at Foras Road	6,695 14 8		
Construction of 11 urinals on Port Trust ground near the Docks ...	6,502 13 2		
Construction of an Engine house and foreman's quarters at the Sankli Tank Fire Brigade Station	26,552 13 0		
Renewing the two blocks of the Butcher's chawl at the Bandora Slaughter Houses	22,920 5 4		
Construction of Shops on the West and South Sites of the Arthur Crawford Markets	4,822 7 10		
Building a new office in the Sankli Street for the use of the Assessment Department E Ward office and constructing a Ward Office, Chowkidars' Quarters and Store Rooms for the Streets and Buildings Branch E Ward in Sankli Street	22,871 7 10		
Acquisition of land and properties at Jail Road, North, for the construction of Stables and cha ls for the Health Department	1,92,581 0 0		
Construction of 25 bathing places in the City	8,783 2 9		
Construction of buildings for Primary Schools	1,68,344 9 7		
Building a new office for the use of F and G Ward Offices at Dadar and converting the existing Ward Office into a godown and providing latrines for the workmen	10,079 4 5		
Construction of A Ward Offices for the different Branches of the Engineer's Department at Mint Road	19,584 3 6		
Constructing additional rooms and adding a Storey over several Fire Brigade Stations to provide accommodation for additional Staff ...	12,437 5 7		
Making alterations in the three permanent wards of the Arthur Road Hospital and in gas and other lighting arrangement in the Compound, Wards, &c., in the Arthur Road Hospital	16,947 13 10		
Purchase of about 4,030 square yards of land at the junction of Bapty Road and Falkland Road belonging to the Tramway Authorities ...	1,22,110 0 0		
		6,71,728 14 2	
Total for A			62,53,925 6 5
B.—Roads and Bridges—			
Overbridges	1,97,563 0 1		
Foras Road	1,12,418 14 10		
Nowroji Hill Road	57,913 3 0		
		3,67,895 1 11	
44 *Lakhs Sanitary Works Loan—*			
Road from Bellasis Road across Old Race Course (including Establishment Charges)		1,41,500 1 2	
B.—Roads and Bridges, carried over Rs. ...		5,09,395 3 1	
		Carried over Rs.	62,53,925 6 5

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			67,53,525 6 5
B.—Roads and Bridges, &c.—*contd.*		5,09,395 3 1	
10,98,500 *Miscellaneous Works Loan*—			
Cross Road at Mahalaxmi Station from Clerk Road to Haines Road ...	19,594 4 5		
Road through Nowroji Hill from Elphinstone Bridge to Dongri Street ...	70,089 2 0		
		89,683 6 5	
35 *Lakhs Various Sanitary Works Loan*—			
Roads and Streets in Agripada and elsewhere	15,02,461 2 10		
New Road from Jakeria Bunder Road to Sewree Cemetery...	24,217 15 11		
		15,26,679 2 9	
23½ *Lakhs Loan*—			
Falkland Road Bridge	15,082 9 4		
Wari Bunder Bridge	1,32,652 0 0		
		1,47,734 9 4	
15½ *Lakhs Loan*—			
Wari Bunder Road...	2,23,836 5 7		
Victoria Road Extension	59,895 10 4		
		3,16,732 2 11	
15 *Lakhs Loan*—			
Street Improvement in different places	15,00,000 0 0		
		15,00,000 0 0	
30 *Lakhs Loan*—			
Overbridge at Delisle Road	32,789 3 6		
Do. at Curry Road, G. I. P. Railway	3,22,199 2 1		
Do. at Arthur Road, G. I. P. Railway...	1,88,788 0 5		
Do. at Clerk Road, G. I. P. Railway.	3,29,388 7 2		
Do. at Elphinstone, Road B. B. & C. I. P. Railways...	2,02,193 1 0		
Extra charges for various Overbridges	14,306 15 11		
		10,87,014 14 1	
Executed out of Savings on different Loans—			
Providing and fixing new pattern hydrants for watering and Fire Brigade purposes	36,000 0 0		
Diversion of Arthur Road over the masonry culvert	46,266 11 11		
Acquisition of land at different places as sites for new Roads	11,521 13 7		
Street Improvements in different places	2,40,000 0 0		
		3,18,188 8 6	
Advanced from Surplus Balances—			
Land at Cavel Street	1,16,398 3 5		
Acquisition of land at Gola Lane...	7,048 7 6		
Do. do. at Hanalwadi	58,139 12 7		
Do. do. at Pipe Lane	61,030 10 11		
Do. do. at Gega Street	20,924 13 5		
Do. do. at Marutir Lane	5,433 0 0		
Do. do. at the Junction of Gun Carriage Street and Thomas Street	4,357 0 0		
Do. do. at King Lane...	12,338 8 3		
Do. do. at Nishampada Road	610 15 3		
Do. do. at Chunam Kiln Cross Lane	541 3 0		
Do. do. near the Parel Station of the B. B. & C. I. Railway ...	1,696 3 8		
Do. do. at Old Naggada Street	1,817 7 11		
Do. do. for Street Improvements in different places	1,55,763 6 0		
Construction of a new Road through Cavel from Girgaum Road to Kalbadevi Road up to the Church of Lady of Health	15,568 8 7		
Widening of Cruickshank Road and improvement of the corner of Cruickshank and Esplanade Road	28,047 4 2		
		4,91,016 15 2	
Met out of the Nesbit Road Invested Fund—			
Nesbit Road Bridge (Portion of Cost)		49,814 8 0	
Met out of the Road Improvement Fund—			
Spent on Special Street Improvements		19,000 0 0	
Total for B... ...			68,55,389 6 8
Grand Total for A & B Carried over Rs. ...			1,23,09,714 13 1

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,2..,9,214 12 1
C—Drainage Works—			
Fort Sewers	18,627 1 8		
Kamatipura Drain	1,91,017 5 10		
Drains in Fanaswadi and Agiary Lane	4,852 12 3		
Branch Sewers, Bellasis Road	7,897 6 1		
		2,72,395 13 10	
Surface Drainage Works executed out of the 6 Lakhs included in the Government Consolidated Loan and Rs. 8,12,000 included in the 11 Lakhs Loan—			
Widening Love Grove Sluices	1,37,326 7 7		
Culverts under the B. B. & C. I. Railway near Bellasis Road	1,791 0 3		
Khetwadi Survey	5,329 8 0		
Raising Level of Khetwadi Roads	28,355 0 1		
Raising private compounds in Khetwadi	25,336 2 1		
Three branch drains in Khetwadi and storm-water entrances	31,211 15 6		
Intercepting drain in Tardeo District and storm-water entrances ...	1,69,851 10 1		
Making connection between Low-level sewers and new main drains ...	2,610 8 10		
Intercepting drain from Pydhoni to Bellasis Road and Storm-water entrances	3,03,229 3 9		
Enlarging old open main drain	71,318 13 5		
Laying a new 24" main and removing old 20" Tulsi main	74,226 14 0		
Constructing storage reservoir on the Flats and raising levels of manholes and sewers	136,225 12 6		
Establishment for the above works	1,21,415 6 0		
Contingencies	63,627 6 11		
Cleaning the Worli Storm-water drain and widening the channels south of the Love Grove sluices	79,500 3 7		
		13,22,151 3 3	
Drainage Loan of 1873—			
Main sewers	1,91,691 8 2		
Pipe sewers	3,09,246 12 1		
Outfall sewer	2,36,266 10 6		
Kamatipura Drainage	76,171 1 9		
Clerk Road Ovoid sewer	39,258 5 11		
Government Commission charges	5,211 15 9		
Preliminary expenses	19,429 6 5		
Departmental works	1,912 1 3		
Compensation for land	18,851 11 1		
Proportion of repairs to roads (opened for the works)	14,482 14 7		
Miscellaneous charges	22,462 15 7		
Establishment for the above works	1,46,060 0 0		
Contingencies	51,967 7 9		
Repairs to old Main Drain at Falkland Road	2,952 12 5		
		11,58,417 15 6	
11 Lakhs Loan—			
House connections without privy fittings	6,32,090 7 7		
Shaft ventilators	44,047 0 0		
Closing Storm water openings in Frere Road sewer	17,305 9 6		
Queen's Road intercepting sewer	1,53,969 0 6		
House connection survey	4,561 12 3		
House connections, Kamatipura Drainage	34,977 7 5		
Establishment charges	88,369 0 0		
Pipe sewer from Clare Road along south portion of Haines Road and Dellale Road	1,11,760 8 7		
Pipe sewer from Parel Workshop to Clerk Road Ovoid sewer	65,795 9 11		
Extension of Clerk Road Ovoid sewer to Parel Road	35,769 8 0		
Ovoid sewer across the Old Race Course	59,716 13 2		
Ovoid sewer from the Crawford Market down Hornby Road to Bazar Gate and thence to the Mint	89,401 11 9		
Establishment	36,969 0 0		
		13,77,593 11 8	
7 Lakhs Sanitary Works Loan—			
Adjustment of the extra expenditure incurred on the Queen's Road intercepting sewer	9,033 10 8		
Fort Drainage	3,68,422 5 9		
Establishment charges	39,419 9 0		
New Works at Love Grove Pumping Station	31,640 9 6		
Construction of a side drain along Wari Bunder Road	4,834 0 1		
Construction of a pipe sewer in certain lanes in Khetwadi	8,282 6 6		
		4,62,237 0 9	
C.—Drainage Works, &c. carried over Rs. ...		48,99,818 14 3	
Carried over Rs. ...			1,12,89,214 12 1

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,23,09,214 13 1
C.—Drainage Works, &c.—*contd.*		18,99,118 14 3	
12 *Lakhs Loan*—			
Queen's Road pipe sewer including contingencies	6,09,998 4 2		
Queen's Road house connections	2,05,306 0 9		
Establishment and contingencies	86,132 14 3		
		9,01,437 3 2	
10,08,500 *Miscellaneous Works Loan*—			
Extension of Parel Road Storm-water Drains from Bellasis Road to ½rds the length of Ripon Road	41,106 6 9		
9" Pipe sewer along Bellasis Road, Fums Road and Gilder Street	17,290 8 1		
		58,396 14 10	
2,48,000 *Agripada House Sullage Water-connection Loan*—			
House Sullage Water connections at Agripada	.....	2,33,533 12 10	
35 *Lakhs Various Sanitary Works Loan*—			
Sewer flushing arrangements	.....	13,864 7 3	
23½ *Lakhs Loan*—			
Pumps and steam engine for the working of the Love Grove Pumping Station	4,63,315 8 6		
Sewerage of Colaba	7,56,419 0 0		
Sewerage of Umarkhadi District	3,53,786 5 9		
Storm-water drains in Moreland, Souter, Club and Gilder Streets	79,641 0 2		
Storm-water drains in different places	21,819 11 2		
Storm-water drains in Connaught and Sussex Roads	35,923 15 9		
Miscellaneous extensions and improvements of drains	33,664 6 1		
		17,44,602 15 5	
15½ *Lakhs Loan*—			
Sewerage of the Mazagon District on gravitation system	3,06,680 0 5		
Sewerage of Malabar and Khamballa Hills on gravitation system	1,34,066 0 1		
Sewerage of Ferguson Road and Chinchpokli District	89,829 8 5		
Raising sewerage in Queen's Road sewer	1,862 0 0		
Sewerage of Old Race Course District on gravitation system	39,039 8 1		
		5,69,077 4 0	
25 *Lakhs Loan*—			
Machinery for the sewerage of Parel, the Mazagon, &c., sectional districts..	7,35,520 6 6		
Mazagon district, sectional	3,52,785 4 2		
Storm-water drain from Wellington Fountain *via* Bandstand to the Sea ...	36,778 4 2		
		11,25,083 14 4	
19½ *Lakhs Loan*—			
Improvements in the road side drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, &c.	29,856 14 11		
Surface drainage of Kamatipura	83,340 9 2		
Storm-water drain in Tardeo Road	1,58,542 11 3		
Low-level channel from the Tardeo Flats to Worli Point	11,83,726 0 0		
		14,53,566 3 4	
24½ *Lakhs Loan*—			
Sewerage of the Ferguson Road and Chinchpokli District on the sectional system	2,56,782 14 6		
Sewerage of the Parel District on the sectional system	4,66,272 3 7		
Completion of house drainage connections in different parts of the city ...	6,91,191 14 7		
Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City	1,43,523 11 9		
		15,57,783 12 5	
Second 24½ *Lakhs Loan*—			
(17) Catchpits on pipe sewers	26,994 14 0		
(7) Catchpits on ovoid sewers	43,165 15 4		
Sewerage of the Malabar Hill District—Sectional	6,39,948 0 0		
Construction of a new out-fall at Worli Point	2,000 0 0		
		7,12,108 11 4	
C.—Drainage works, &c., carried over Rs. ...		1,32,68,573 14 2	
		Carried over Rs. ...	1,23,09,214 13 1

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...	...-...-...	1,32,68,573 14 2	1,23,09,214 13 1
C.—Drainage Works, &c.—*contd.*			
15½ *Lakhs Loan*—			
Construction of a sealed sewage main from the Elphinstone Road Ejector Station to Worli Road		51,462 14 9	
Executed out of savings on different Loans—			
Slab drain 18" × 18" in Store Lane, Homji Street	2,557 2 6		
Pipe sewer in Currey Road	2,525 15 5		
Main sewerage of Parel	22,121 7 8		
Arching over with brick masonry the main drain at the Arthur Road Crossing	15,615 0 4		
9" pipe sewer at Lalwadi	2,08[illegible] 8 2		
Laying branch pipe sewers in the village of Parel	17,527 13 11		
Ovoiding side drains to the north of Kalachowki Road	2,660 4 3		
Completing the storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Bombay Road	14,460 2 7		
Sewerage of Parel on the gravitation system	62,681 1 5		
Storm-water drain in Cruickshank Road	17,337 6 0		
Laying a 9" pipe for the carriage of storm-waters to the Sea from the eastern half of Wodehouse Road	1,992 1 3		
Laying a 9" pipe line at the Parel village	878 7 5		
Storm-water drains in part of Gilder Street and Forns Road from Grant Road to Falkland Road	10,781 14 10		
Constructing a cat-h-pit on the Mint Road sewer opposite the European General Hospital	4,610 10 8		
Altering and ovoiding storm-water drain in Girgaum	11,548 14 10		
Construction of a storm-water drain in Khetwadi	52,662 2 8		
Draining the storm-water from the public road round the Mahalaxmi Dhobiwada	1,156 0 3		
Ovoiding and regrading the open roadside drains in Umarkhadi Road ...	3,119 0 11		
Converting the old Engine-house at Love Grove into an office and pointwn and constructing a shred-lifter chamber with 4 shred-lifters ...	25,031 1 1		
Tidal flaps on flushing drains for ovoid sewers...	2,235 4 4		
Drainage arrangements at Tardeo Road...	2,292 0 8		
Laying a 9" pipe sewer in Fergusson Cross Road	2,961 11 9		
Masonry drain from Girgaum Road and passing through Night-soil Depôt	21,317 6 7		
Opening out the public water-course behind Mr. Cama's property at Carol Road	3,362 6 2		
Laying a 12" pipe from the emergent reservoir to manhole in Apollo Street	3,165 7 8		
Storm-water drains in different places	34,904 7 9		
Ovoiding and constructing masonry side drains in different places... ...	17,895 11 11		
Ovoiding and constructing masonry side drains on Carroll Road, north-side	2,711 3 3		
Ovoiding Kutcha drain in Arthur Road as far as G. I. P. Railway Crossing	4,288 15 1		
Constructing storm-water drains and ovoiding and constructing masonry side drains in different places	20,193 10 8		
Automatic flush tanks on pipe sewers	38,134 0 10		
Improving side drains, Malabar Hill	7,672 13 6		
Storm-water drains at Fergusson Road from Delisle Road to the water-course (3,200 feet) west of the road	29,561 4 9		
Providing and constructing masonry side drain in Malabar Hill	7,346 11 0		
Providing and constructing masonry side drains (a) on Naigaum Cross Road on both sides from Vincent Road to Dadar and (b) east and west of Ghorupdeo Road	5,259 5 6		
Storm-water drain running on the west of the G. I. P. Railway Dadar Station	7,025 6 9		
Executed out of savings on different Loans continued and carried over. Rs.	4,82,387 10 7		
C.—Drainage Works, &c., carried over Rs. ...		1,33,19,736 12 11	
Carried over Rs. ...			1,23,09,214 13 1

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			1,23,09,214 13 1
C.—Drainage Works, &c.—contd		1,33,19,736 12 11	
Executed out of Savings on different Loans—contd	1,82,387 10 7		
Constructing quarters for workmen at Love Grove Air Compressor Station (including purchase of land and an old chawl)	21,961 1 5		
Constructing additional quarters for Lascars at Love Grove	5,477 9 6		
Cutting out rocky barriers in the channel at Love Grove	116 6 0		
Surface Drainage in Queen's Road between the level crossing and Charni Road	2,807 15 0		
Ovoiding and regrading the side drain in Imamwada from Parel Road to Jail Road, North	2,083 3 10		
Masonry Storm-water Drain 18" × 18" in Apollo Street	1,888 15 9		
Open ovoid drain on the east side of Delisle Road	1,567 14 10		
Zinc ventshafts on pipe sewers in the Fort Sewerage District	11,165 8 9		
Storm-water drain in Sankli Street	11,529 15 8		
Cost of obtaining advice from Mr. Santo Crimp in regard to House connections, &c.	11,992 9 10		
Construction of permanent manholes over drains	27,304 0 0		
Masonry side drains at Malabar Hill from Gowalia Tank Road to the Government House	7,805 4 2		
Tidal flaps on the ovoid sewers	11,025 14 0		
Construction of a coal shed, a coal tramway, and fence round the compound of the Love Grove Air Compressor Station	11,211 10 9		
6" Pipe Drain in Delisle Road	430 10 7		
6" Pipe Drain in Bangunga Cross Lane	824 15 8		
Extension of the 15" sealed sewage main in Fergusson Road from the Culvert to Worli Road	11,166 8 10		
Laying a 6" pipe drain in Tulsirampada in Parel Chawl Road	1,051 12 6		
Laying a 6" pipe drain in the private passage known as Kalachowki Cross Lane	642 14 7		
6" Pipe Drain in the passage to the north of Parbi Cross Lane	432 10 3		
Connecting certain properties in Gilder Street with the new storm-water drain constructed thereat	1,496 13 1		
Laying a 9" stoneware pipe drain in a portion of Forns Road, west of Carroll Road	1,365 13 11		
Laying a 6" pipe drain in the passage belonging to Salleman Jusab at Belvedere Hill Road	647 8 2		
Laying a 6" pipe drain in Rupty Road	486 15 2		
Laying a 9" pipe drain at Tank Bunder Koliwada	2,042 13 3		
Construction of a catchpit on the Queen's Road ovoid sewer in Charni Road, &c.	6,202 0 4		
Laying a drain at Mr. Tribhowandas Varjivandas' Oart at Girgaum Back Road	251 13 2		
Storm-water drain in Ripon Road from Agripada drain to Jacob Circle ...	27,086 12 11		
Storm-water drain in Clerk Road from Parel Road to Jacob Circle...	26,900 9 11		
Storm-water drain in Hamsa Road from Khaffo Makanji's Mill to Jacob Circle	18,814 13 3		
Laying a branch 6" pipe sewer at Delisle Road	761 3 7		
Laying a 6" pipe drain at Ghorupdeo Road	404 6 3		
Laying a 9" pipe sewer along Elphinstone Road at its Junction with Parbhadevi Road	1,112 5 3		
Laying a 9" pipe drain with Inspection Chamber at the passage running through Chamarbag properties	3,938 8 10		
Giving Street connections to storm-water drains in the City	9,153 6 9		
Laying a 6" pipe drain on the Tulsi main road	1,000 9 1		
Laying a 6" pipe drain at Ghorupdeo Road, 1st Cross Lane	360 14 10		
Executed out of Savings on Different Loans continued and carried over Rs.	7,57,241 11 9		
C.—Drainage Works, &c., carried over Rs. ...		1,33,19,736 12 11	
Carried over Rs. ...			1,23,09,214 13 1

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward			1,23,09,214 13 1
C.—Drainage Works, &c.—*contd.*		1,33,19,736 12 11	
Executed out of Savings on different Loans—contd.	7,57,241 11 9		
Constructing a Storm-water Drain at Kalachowki Road	789 2 3		
Laying a 6" pipe drain along Chamarbag properties in Parel Road ...	1,165 0 8		
Laying a pipe sewer between Forjett Street and Tardeo Road	2,409 10 2		
Fees to Mr. Midgley Taylor on account of his report on the Ejector, &c., required for Sectional District	1,961 1 4		
Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts	10,338 0 0		
Tracing the plans and sections of the Parel, Mazagon and Old Race Course Districts	658 15 0		
Fees to Messrs. Midgley Taylor and G. R. Strachan for their opinion on matters connected with the surcharging of sewers...	16,796 13 4		
Expenses incurred by Mr. James in connection with inquiries in regard to Liernur system, &c.	1,534 3 0		
Construction of a storm-water drain in Church Gate Street from its junction with Mayo Road to the main storm-water drain in Queen's Road near the Church Gate Street	4,933 9 5		
Laying a 6" pipe sewer in the passage opening to Portuguese Church Road	227 4 3		
Laying a 6" pipe drain at Madanpura	346 4 2		
Extension of the 15" sealed sewage main from the Chinchpokli Fire Brigade Station to the head manhole on Clerk Road sewer	12,408 4 9		
Constructing a storm-water drain in Colaba Causeway between Mayo Road and Thomas Street	8,973 9 11		
Preparation of certain models for improvement of main sewers, &c. ...	200 0 0		
Laying 6" pipe drain in the Passage behind the New Building of Mr. Hormasji Vasji	5,226 13 4		
Laying a 6" pipe drain in the passage leading to the Hon'ble Mr. Setalvad's Bungalow	1,244 3 6		
Laying a 6" pipe drain in the Napean Sea Road	1,243 11 7		
Laying a 9" pipe drain at Elphinstone Road	6,761 10 9		
Extending the existing 6" pipe drain in the passage off Dadar and Kumbharwada Cross Lane	33 7 10		
Laying a 6" pipe drain in the Passage at Currey Road	471 10 2		
Laying a 9" pipe drain in the passage leading to Government Gate Road, Parel	2,139 0 6		
Laying a 4" C. I. pipe drain from DeLisle Road to the boundary of the Century Mill Premises	4,816 0 10		
Providing an additional pipe sewer and Ejector in Fergusson Road near its junction at Delisle Road (North)	8,000 0 0		
Laying a 6" pipe sewer in the passage near the Lunatic Asylum, Colaba ...	1,364 5 4		
Laying a branch drain in the passage off Mount Pleasant Road	727 10 6		
Laying a 6" pipe sewer at Bangangga Tank Lane	929 8 9		
Laying a 7" pipe drain on the eastern boundary of the Babula Tank ...	4 13 4		
Laying a 6" pipe drain in Gowalia Tank Road	387 11 9		
Laying a 6" pipe drain at Victoria Sunder Road	367 11 6		
Laying a 9" pipe drain in Kamatipura, 9th Street	66 14 2		
		8,52,969 15 10	
Advances from Surplus Balances—			
Storm-water drain in Arthur Road from its Junction with Kalachowki Road and Jacob Circle	65,658 14 7		
Providing an additional Ejector in Fergusson Road near its junction with Delisle Road	76,071 10 9		
Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road	2,26,245 7 3		
Colaba Sewerage works	41,838 14 11		
Constructing storm-water drains in Marine Lines from the Northern end of the B. B. and C. I. Railway Office to the junction of 1st Marine Lines	13,177 10 10		
Constructing a storm-water drain in New Parbhadevi Road	33,746 5 9		
Constructing a storm-water drain in Delisle Road north of Arthur Road...	44,502 3 0		
Constructing a storm-water drain in Mayo Road from Church Gate Street to Rand Stand	21,182 3 3		
Constructing a storm-water drain in Mayo Road from Queen's Statue to Church Gate Street	9,192 11 8		
Constructing a storm-water drain in Colaba Causeway between Ormiston Street and Thomas Street	8,538 5 0		
Advances from Surplus Balances carried over ...	5,37,647 6 3		
C.—Drainage Works, &c., carried over ...		1,41,72,706 12 9	
		Carried over Rs. ...	1,23,09,214 13 1

Appendix No. 10-A—*continued.*

	Amount.			Total.			Grand Total.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Brought forward ...							1,35,09,214	13	1
C.—Drainage Works, &c.—contd.				1,11,72,706	12	9			
Advances from Surplus Balances Brought forward	5,37,647	6	3						
Extending the existing storm-water drain and constructing water gullies and water tables in Mazagon Road	4,921	11	1						
Measures for relieving the surcharging of sewers	5,21,633	9	1						
Construction of a storm-water drain in Delisle Road (North)	48,396	3	3						
Construction of a storm-water drain in Delisle Road (South)	16,257	12	3						
Construction of two New Drainage Chowkies at Charney Road and Byculla Depôt	13,683	15	6						
Construction of an office for the Drainage Staff and quarters and an office for the Head Plumber at Babula Tank site and providing fencing round the Drainage chowkey and metalling the yard	35,491	3	7						
Constructing a storm-water drain in Khetwadi Back Road	2,48,859	3	11						
Constructing a storm-water drain in Queen's Road from Wodehouse Road Bridge to Bandstand	17,986	0	1						
Sewerage of Malabar Hill District	7,365	7	10						
Provision of Ejectors in the Colaba Sub District	77,038	10	3						
Construction of a storm-water drain from the junction of Reay and Connaught Roads to the Harbour near Lakri Bunder	1,46,765	6	3						
Construction of a storm-water drain in Delisle Road, South of Arthur Road	29,371	15	10						
Construction of a storm-water drain in Khaleestone Road, West ...	12,511	5	2						
Construction of a storm-water drain in Ghorupdeo Road	17,354	2	3						
Construction of a storm-water drain in Mughbat Lane	8,021	15	6						
Laying a 4" main in Victoria Extension Road from the junction of Victoria Road and Mount Road to Ejector Street No. 2 Mazagon in place of the existing 2½" C. I. main	4,320	0	2						
Permanent manholes over drains in the city	9,252	12	1						
				15,24,851	6	7			
Total for C Drainage ...							1,46,97,558	3	4
D.—Water Works.									
Vehar Lake (value of)				45,21,943	7	9			
Tulsi Water Works	37,61,788	6	0						
Vehar Outlet Tower	2,38,111	10	9						
				40,00,000	0	0			
Drainage and Water Works Loan of 1878—									
Service Reservoir at Bhandarwada				10,46,830	12	3			
44 Lakhs Sanitary Works Loan—									
Tulsi gathering ground	60,000	0	0						
Malabar Hill Reservoir	4,00,000	0	0						
New hydrants, including cost of erection	20,876	7	1						
Tulsi gathering ground	31,500	0	0						
Construction of a double storeyed chawl for the Water Works staff and quarters for the Superintendent	29,152	3	3						
Survey of new catch-water channels, &c.	7,838	4	1						
Construction of filter beds at Vehar	3,04,133	15	11						
Improvement of the water-supply of the outlying districts	6,52,065	0	5						
Raising the Tulsi dams	1,13,257	9	7						
Providing additional catch water channels at Vehar and Tulsi	97,791	0	6						
Purchase of check meters for the prevention of waste of water	1,17,122	14	8						
Enlarging different mains	1,04,130	8	6						
Cost of new water mains from Nesbit Road to Fabula Tank	13,000	0	0						
Establishment, charges	30,370	0	0						
Portion of excess cost of Vehar Outlet Tower—debitable to this Loan ...	28,684	11	9						
Provision of turbine at the Malabar Hill Reservoir	2,282	0	0						
				16,95,947	12	0			
7 Lakhs Sanitary Works Loan—									
Malabar Hill Reservoir (extra cost)	1,14,639	2	6						
Increasing and improving the distribution of the water-supply and providing higher levels, Tulsi District, with filtered water	20,211	3	4						
Portion of excess cost of Vehar Outlet Tower	7,950	10	6						
				1,42,241	5	4			
12 Lakhs Drainage and Water Works Loan—									
18" Main in Frere Road from the Bhandarwada Reservoir to Carnac Road and 12" main from Carnac Road to Mint				39,031	5	9			
10,06,360 Miscellaneous Works Loans—									
Concrete tank, waste weir, Vehar Lake	20,600	4	1						
Mains in 4th streets West of Frere Road and other mains in various places Arthur Road connection works necessitated by the laying of the Tansa 27" main	59,275	1	8						
Deacon's meters	9,512	10	5						
	16,786	0	0						
				1,16,214	3	2			
D.—Water Works, &c., carried over ...				1,17,72,706	12	9			
				Carried over Rs. ...			2,80,06,772	0	5

Appendix No. 10-A—*continued.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,80,06,773 0 5
D.—Water Works, &c.—*contd.*		1,17,73,208 14 6	
35 *Lakhs Various Sanitary Works Loan*—			
Providing an asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith ...	92,872 9 2		
Fawal Water Works	6,6[illegible],179 6 9		
Additional Water Mains	98,386 0 10		
Extension of Tulsi Catch-water Channel	20,836 9 1		
		8,72,574 9 10	
147 *Lakhs Tansa Loan*—			
Tansa Water Works including cost of Survey...		*1,46,96,383 7 0	
15¾ *Lakhs Loan*—			
Improvements of the outlet towers at Vehar and Tulsi		12,842 13 10	
25 *Lakhs Loan*—			
9" Main from Ghorupdeo Road to Jackeria Bunder Road and 6" Main from thence to Sewri Cemetery Road...	25,781 0 8		
New mains in Roay Road, &c.	1,012 5 0		
Main along Kalachowki Road from Parel Road to Ghorupdeo Road and along Roay Road from Kalachowki Road to Bhandarwada Reservoir ...	1,26,969 12 8		
9" Service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12" main and supplemented midway by a 9" service main down Connaught Road	48,364 0 5		
		2,02,157 2 0	
28¼ *Lakhs Loan*—			
Extension of water mains in various places	28,026 6 5		
Further alterations and improvements at the Malabar Hill Reservoir ...	29,971 14 8		
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it.	91,952 13 0		
Road from Vehar to Tulsi with a light tramway to carry pipes	471 8 6		
		1,49,522 5 7	
12¾ *Lakhs Water Works Loan*—			
Construction of additional filters at the Malabar Hill Reservoir	2,45,319 9 2		
Water mains in connection with the Improvement Trust Schemes—			
9" and 4" mains in the new roads in the Agripada District	43,637 6 11		
4" main in New Street near Lohar Chawl	2,581 10 0		
Mains in the 1st Nagpada Scheme	6,731 6 1		
4" main along Wodehouse Road	2,426 2 11		
Removing and relaying the 32" Vehar main, south of Coorla	†2,00,000 0 0		
4" main in Sankli Street	1,140 11 7		
4" main in Connaught Road Estate	1,665 9 8		
		8,03,483 8 4	
24¾ *Lakhs Loan*—			
Distribution mains in Tardeo and Gamdevi Roads	6,242 11 9		
Mains from 48" Tansa Main at Chinchpokli to Grant Road and 32" main from Grant Road to Malabar Hill	2,10,000 0 0		
32" outlet mains from Malabar Hill to Chowpati	30,000 0 0		
		2,46,742 11 9	
18¾ *Lakhs Loan*—			
Renewal of water mains in the Girgaum District for improvement of the water supply		12,315 14 2	
		2,84,69,201 7 9	
D—Water Works, &c.—Carried over ...		Carried over ...	2,80,06,778 0 5

* Exclusive of Rs. 2,40,000 paid out of the Premia received on the Loan.
† Exclusive of Rs. 3,74,000 paid from the contribution received from the G. I. P. Railway Co.

Appendix No. 10-A —*continued.*

	Amount.			Total.			Grand Total.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Brought forward. ...							2,80,06,773	0	5
D.—Water Works, &c.—*contd.*...				2,84,69,201	7	9			
Executed out of Savings on different Loans—									
15″ water main from 24″ main in Bholwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9″ main to the Century Mill ...	49,482	0	2						
New mains in various places	28,868	1	1						
Covering storage basin at the Bhandarwada Reservoir and constructing filters over it	44,597	14	4						
Excess cost of Worli Road main...	21,696	4	1						
Residence of the Chief Inspector, Water Works, at Babula Tank Road and rooms for 6 sluice-men	32,028	1	3						
24″ and 27″ mains from Malabar Hill Reservoir to Frere Fountain, Fort...	50,093	1	2						
Connections at Chinchpokli between Tansa and Vehar mains	7,402	1	4						
Laying water mains in Wellington Lines	4,387	9	5						
Do do. in A Ward	12,943	13	1						
Renewing 3″ main in B Ward with 4″ pipes—extra cost chargeable to Capital	4,533	3	4						
Replacing 32″ Vehar pipes for 1½ miles by 48″ C. I. pipes (North) ...	2,71,059	8	10						
9″ main in DeLisle Road	9,549	6	1						
4″ main in Khara Talao Road	2,774	11	7						
Providing the trunk water mains with Venturi water meters	23,000	0	0						
Laying water mains in B Ward	17,213	12	8						
Extending the existing 9″ main in the Agripada District along Gilder Street to join the existing 32″ main in Grant Road	11,904	13	6						
Extending the existing 9″ main in DeLisle Road, to join with 15″ main in Elphinstone Road	8,963	12	0						
Travelling expenses to an Inspector and a lascar for taking survey, &c., in connection with the storage reservoir and filter beds at Ghatkopar ...	35	0	6						
Constructing office quarters and store-rooms for W. W. G. Ward at DeLisle Road on the site of Foras Tank	19,289	6	8						
				6,20,057	9	1			
Advanced from Surplus Balances—									
Laying a 9″ main along Mowat Road from its junction with Love Lane to the junction at Victoria Road and a 6″ main along Ghorupdeo Road to be joined to the 6″ main already laid in Albert Road	15,872	15	0						
Laying a 6″ main in New Mathew Road	4,563	7	1						
Laying water mains on the Colaba Reclamation	36,269	2	0						
Laying new water mains and fixing hydrants in the Roads (City Improvement Scheme No. IV)	30,743	12	5						
Providing the trunk water mains with Venturi water meters	1,316	5	8						
Mains from 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill	47,629	7	1						
Laying water mains in A Ward	46,841	9	0						
Laying water mains in B Ward	60,630	12	4						
Laying an additional main 9″ in diameter running due west from a point on the 24″ main somewhat north of Government House, Parel, to join the 4″ main in Sady Jamretji Road	12,810	3	7						
32″ Outlet mains from Malabar Hill to Chowpati	16,685	6	6						
Two dead-ends of the 4″ main in Warl Bunder Road to be connected by a 5″ main	1,358	15	6						
Replacing 3″ main in Mughbhat Cross Lane by a 5″ main	1,455	7	0						
3″ main in Gunpowder Road to be replaced by a 5″ main and extended to join the 9″ main in Reay Road	3,256	45	10						
Replacing 2″ water main in Mazagon Road by a 5″ main and extending it to join the 4″ main in Warl Bunder Road	4,765	0	6						
Laying a 6″ Riding main in Cowasji Patel Tank Road	2,961	2	9						
Fixing Deacon's meters on the distributing mains	10,202	1	4						
Removing and relaying the 32″ Vehar main south of Cooria (pending realisation by the sale of old pipes and lead)	2,151	14	0						
Replacing 3″ water main in Mahomedon Street at Ripon Road by a 5″ main	2,182	11	1						
Connecting up the dead-end of the 4″ main in Kakadwadi Lane with the main in Girgaum Back Road	675	6	3						
				3,01,527	10	11			
D.—Water Works, &c.—carried over ...				2,93,90,786	11	2			
Carried over ...							2,80,06,773	0	5

Appendix No. 10A—*contd.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			2,80,06,773 0 5
D.—Water Works, &c.—*contd.*...		2,93,90,786 11 9	
Paid out of the Worn-out Water Mains Renewal Fund—			
Laying a 9" main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6" main along Ghorupdeo Road to be joined to the 6" main already laid in Albert Road	6,446 14 1		
Laying a 6" main in Matarpakhadi and a 12" main along Mazagon Road from Nesbit Lane to Mount Road	5,696 15 4		
Cost of renewing 3" main in Worli Road with 9" pipes (chargeable to revenue)	26,517 3 9		
Replacing 3" main in Zaoba's Carts by a 4" one	672 7 6		
Mains in the 1st Nagpada Scheme	1,645 6 0		
Replacing the 6" main in Jnajikar Street and 3" and 4" main in Old Hanuman Lane by a 6" main	4,359 1 2		
4" main in New Street near Lohar Chawl	2,168 15 11		
Replacing 3" main in Foras Road by a 6" main	3,427 0 0		
Replacing the 3" main in Chunam Kiln Road by a 5" main	998 14 10		
Replacing a 3" water main in Mazagon Road by 5" main, &c.	2,138 4 1		
Laying water mains in A Ward	31,265 3 3		
Laying water mains in B Ward	9,743 11 6		
Replacing a 3" water main in Mughbhat Cross Lane by a 5" main ...	924 5 9		
Laying 3" main in Gunpowder Road to be replaced by a 5" main, &c., &c.	1,730 5 8		
6" water main in Soparibag Road from the Junction of Parel Govt. Gate Road with Elphinstone Road	8,838 15 3		
Laying a 9" main in Cawasji Patel Street	2,817 1 10		
Replacing 3" main in Hutria Street by a 5" main	1,141 9 8		
Laying 3" and 4" mains in Kamatipura Bazar Road by a 6" main ...	2,447 1 6		
Replacing 3" water main in the Mahomedan Street at Ripon Road by a 5" main	1,268 1 4		
Replacing 3" main in Bapu Khote Street by a 5" main	933 12 2	1,15,172 6 9	
Total for D ...			2,95,05,959 2 6
E.—Cemeteries (*Burning and Burial Grounds*)—			
15¾ *Lakhs Loan*—			
Burial ground for Mahomedans and Beni-Israels		2,11,652 4 5	
19¾ *Lakhs Loan*—			
Purchase of two sites of land for burning and burial grounds at Mahim and Worli including cost of enclosure walls, &c.		17,665 4 4	
.25 *Lakhs Loan*—			
Purchase of land from Mr. Ashburner for extension of burial ground for Mahomedans	1,17,046 0 6		
Purchase of land in Narielwady for future extension of burial ground for Mahomedans	1,60,577 5 10		
Extension of burial ground at the Sewri Cemetery	71,640 9 8	3,49,264 0 0	
Advances from Surplus Balances—			
Providing a burial ground at Haines Road for the Portuguese Community.	25,439 13 0		
Extension of the Sewri Cemetery	11,446 9 3		
Providing a burial ground for Mahomedans in F and G Wards, Antop Hill, Matanga	24,987 4 0	61,873 10 3	
Total for E. ...			6,70,455 3 0
		Carried over ...	5,81,83,187 5 11

Appendix No. 10-A—*concluded.*

	Amount.	Total.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...			5,81,83,187 5 11
F.—Disposal of Town Sweepings—			
35 *Lakhs Loan*—			
Purchase of land on the Flats required for the disposal of town sweepings		1,26,913 8 8	
23½ *Lakhs Loan*—			
Purchase of land on the Flats for the deposit of kutchrá		5,890 14 1	
25 *Lakhs Loan*—			
Disposal of town sweepings at Deonar		7,84,900 0 0	
19½ *Lakhs Loan*—			
Extra cost of the scheme for the disposal of town sweepings at Deonar ...		51,517 4 4	
Executed out of savings on different Loans—			
20 additional wagons for the disposal of town sweepings		38,684 2 0	
Total for F ...			10,79,905 13 1
G.—Miscellaneous—			
19½ *Lakhs Loan*—			
Purchase of land for the site of the Petit Hall and other charges in connection therewith		1,785 13 10	
Executed out of savings on different Loans—			
Filling in Matarpakhadi Tank at Mount Road...	2,607 5 8		
Filling in Gilder Tank	15,488 9 4		
		18,096 15 0	
Advanced from Surplus Balances—			
Filling in the portion of old water course situated at the north corner of the Foras Tank and west of Purbhadevi Night-soil Depôt in Belasis Road	3,506 5 7		
Filling in the Babula Tank with debris...	56,763 0 10		
		60,269 6 5	
Total for G. ...			80,151 3 5
		Grand Total Rs. ...	5,93,42,344 6 3

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix No. 10-B.

STATEMENT showing the Invested Balances on 31st March 1911 as compared with those at 31st March 1910.

	On 31st March 1910.	On 31st March 1911.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—SURPLUS FUNDS INVESTMENTS ...	25,15,756 4 11	34,89,936 15 6	9,74,180 10 7	.....
Loan Fund Balances	31,37,566 6 2	21,28,575 12 8	.....	10,08,990 9 6
Rs. ...	56,53,322 11 1	56,18,512 12 2	9,74,180 10 7	10,08,990 9 6
B.—SINKING FUND—				
5 per cent. Municipal Loans	50,08,089 4 0	54,32,321 10 3	4,24,232 6 3	.....
4 Do. do. 3 % basis.	41,05,907 11 6	45,66,070 10 9	4,60,162 15 3	.....
4 Do. do. 3 % basis.	1,31,602 14 8	2,58,084 12 0	1,26,481 13 4	.....
3½ Do. do. ...	1,94,036 13 8	2,11,738 6 8	17,701 9 0	.....
Rs. ...	94,39,636 11 10	1,04,68,215 7 8	10,28,578 11 10	.....
C.—SPECIAL FUND—				
Municipal Building Fire Insurance Fund	1,24,993 9 2	1,35,219 1 6	10,225 8 4	.....
Worn-out Water Mains Renewal Fund	5,73,525 15 3	5,56,776 11 11	.....	16,749 3 4
Net Premia Fund	56,592 15 0	80,708 8 3	24,115 9 3	.....
Rs. ...	7,55,112 7 5	7,72,704 5 8	34,341 1 7	16,749 3 4
Rs. ...	1,58,48,071 14 4	1,68,59,432 9 6	20,37,100 8 9	10,25,739 12 10
Contractors, &c., Deposits in Government and other Securities	2,50,600 0 0	2,68,500 0 0	17,900 0 0	.....
TOTAL Rs. ...	1,60,98,671 14 4	1,71,27,932 9 6	20,55,000 8 0	10,25,739 12 10

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

Appendix No.
WATER WORKS

INCOME FOR 1910-11.

INCOME.	Amount. Rs. a. p.	Total. Rs. a. p.	Grand Total. Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue (*vide* details in Appendix No. 13 (*vide* page 100)	.....	19,95,387 7 4	
Interest on the Investment on the unexpended balances of the different Water Works Loans	.....	20,107 4 3	20,15,494 11 7
Interest on the Worn-out Water Mains Renewal Fund Investment (*vide* page 104)	.....	24,716 2 4	
Do. Net Premia Fund Investment Water Works portions (*vide* page 104)	.....	3,516 11 3	
Interest on the 5 per cent. Municipal Loans Sinking Fund Investments—Water Works portion	3,96,311 9 9		
Interest on the 4 per cent. Municipal Loans Sinking Fund Investments—Water Works portion	52,947 0 0		
Interest on the 3½ per cent. Municipal Loans Sinking Fund Investments—Water Works portion	212 0 0	* 1,59,478 0 0	1,59,802 13 7
		Total Rs. ...	22,65,297 9 2

* *Vide* note at page 104.

W. E. WAITE,
Chief Accountant.

11.
ACCOUNT.

EXPENDITURE FOR 1910-11.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (proportion of) (*vide* page 101) ...	36,135 14 11			
Assessment and Collection Charges (proportion of) (*vide* page 101)	64,115 11 11			
Engineer's Establishment (proportion of) (*vide* page 101) ...	11,324 12 0			
	1,12,076 6 10			
Maintenance of Water Works (*vide* page 103)	3,19,448 4 5			
New Works (*vide* page 107)	18,897 10 8			
		4,51,422 5 11		
Investments—				
Interest realized on the worn-out Water Mains Renewal Fund (*vide* page 104)	24,716 2 4			
Interest realized on the Net Premia Fund—Water Works portion (*vide* page 104)	5,616 11 3			
Interest realized on the 5 per cent., 4 per cent., and 3½ per cent. Loans Sinking Fund—Water Works portion (*vide* page 104)	1,59,476 0 0			
		1,89,809 13 7		
			6,31,225 3 6	
Interest on Water Works Loans (Debt)—				
Due to Government—Vehar Debt	.....	22,917 11 4		
Due to the Public—				
Portion of 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,600 of 1878	29,851 14 3			
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	81,216 6 8			
Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389)	9,811 14 10			
Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)	4,329 11 0			
Tansa Water Works Loan of Rs. 147 Lakhs	7,32,525 0 0			
Water Works portion of the Rs. 10,98,500 Miscellaneous Works Loan (Rs 1,35,000)	6,773 6 10			
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000)	45,835 11 5			
Water Works portion of the 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 28,59,760) ...	1,14,826 4 1			
Water Works portion of the 2½ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	10,208 9 3			
Water Works portion of the 15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 30,000)	4,121 7 6			
Water Works portion of the 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297)	9,345 5 2			
Water Works portion of the 24½ Lakhs Loan for certain Sewerage and Water Works (Rs. 2,73,000)	11,316 15 10			
12½ Lakhs Loan for certain Water Works (Rs. 12,75,000) ...	51,620 0 0			
		10,99,271 10 10		
		11,92,189 6 2	(*a*)	
Commission to Bank of Bombay for payment of interest on the Water Works portion of the different Loans	5,264 13 11			
Miscellaneous Loan Charges, including Commission paid to the Bank of Bombay for drawing interest on Sinking Fund Investments	231 4 9	(*a*)5,496 2 8		
			11,97,685 8 10	
Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans:—				
Vehar Debt	.....	21,058 4 8		
Portion of the 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,600 of 1878	.....	37,450 11 6		
Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 18,98,921)	.....	17,962 2 2		
Do. do. 7 lakhs Sanitary Works Loan (Rs. 1,90,389)	.....	2,252 2 10		
Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000) ...	.....	898 0 4		
Do. do. Rs. 10,98,500 Miscellaneous Works Loan (Rs. 1,35,000)...	.....	1,570 7 6		
Tansa Water Works Loan of Rs. 147 Lakhs	.....	65,006 5 6		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000).	.....	11,405 14 4		
Do. do. 42 Lakhs Loans for repayment of Government Consolidated Loan (Rs. 28,59,762)	.....	85,208 6 2		
Do. do. 2½ Lakhs Loan for Drainage and other Works (Rs. 2,45,500)	.....	2,506 6 5		
Do. do. 15½ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs 30,000)	.....	319 3 8		
Do. do. 25 Lakhs Loan for Sewerage, &c., Works (Rs 2,31,297)...	.....	2,724 4 11		
Do. do. 24½ Lakhs Loan (Rs. 2,73,000).	.....	3,207 4 6		
Do. do. 12½ Lakhs Loan	.....	21,312 13 0	(*b*)2,45,942 7 6	
				20,74,855 3 10
Balance—Income in excess of Expenditure ...	.....	.....	.....	1,50,384 5 6
TOTAL Rs. ...	.....	.....	.....	22,05,237 9 4

(*a*) *Vide* page 111. (*b*) *Vide* page 115.

P. R. CADELL,
Municipal Commissioner.

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Debt due to Government—			
Government of Bombay on account of Vehar Debt (see page 100)		23,11,146 9 8	
Debt due to the Public—			
Portion of 16 lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,04,600 of 1878	3,76,763 15 7		
Water Works portion of the 44 lakhs Sanitary Works Loan	16,12,651 4 7		
Water Works portion of the 7 lakhs Sanitary Works Loan	1,50,389 0 0		
Water Works portion of the 12 lakhs Drainage and Water Works Loan	35,000 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 10,98,500	1,35,000 0 0		
Water Works portion of the 35 lakhs Various Sanitary Works Loan	9,20,000 0 0		
Tansa Water Works Loan of 147 lakhs	1,47,00,000 0 0		
Water Works portion of the 42 lakhs Loan for repayment of the balance of Government Consolidated Loan ...	28,59,762 0 0		
Water Works portion of the 7½ lakhs Loan for Drainage and other Works	2,45,500 0 0		
Water Works portion of the 15½ lakhs Loan for Sewerage, Wari Bender, &c., Roads, Burial Ground and certain Water Works	30,000 0 0		
Water Works portion of the 25 lakhs Loan for Sewerage, Roads and other Works	2,21,297 0 0		
Water Works portion of the 24½ lakhs loan for certain Sewerage and Water Works	2,03,000 0 0		
12½ Lakhs Loan for certain Water Works	12,75,000 0 0		
		2,29,35,383 4 2	2,52,46,509 13 10
Balance—Assets in Excess of Liabilities ...			94,40,599 9 8
TOTAL Rs. ...			3,46,87,109 7 6

W. E. WAITE,
Chief Accountant.

No. 12.
ACCOUNT.
ASSETS AT 31ST MARCH 1911.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Properties—			
Water Works executed out of Loan and Reserve Funds as detailed at pages 90 to 93 (*vide* Appendix No. 10-A) ...			(a) 2,95,65,959 2 3
II. Investments—			
1. Bank of Bombay, Municipal Loans Sinking Fund Deposit Accounts—			
Rs. a. p.			
5 per cent. Loans 25,16,621 0 0			
4 „ „ 15,31,901 0 0			
3½ „ „ 6,352 0 0			
	(b) 40,54,874 0 0		
2. Bank of Bombay Worn-out Water Mains Renewal Fund Deposit Account (*vide* page 81)	5,56,776 11 11		
3. Bank of Bombay Net Premia on different Municipal Loans Deposit Account (*vide* page 81)	66,947 0 4		
		46,78,597 12 3	
4. Loan Funds Investments Deposits (*vide* page 79) ...	8,04,080 3 8		
Less—Value of properties (Water Works) executed out of Loan Funds Advances (*vide* page 92)	3,01,527 10 11		
		5,02,552 8 9	
			51,81,150 5 0
		TOTAL Rs. ...	3,46,87,109 7 6

(a) Exclusive of charges met out of the contribution from the G. I. P. Railway Company for removing and relaying 32" Vehar Main at Cooria. When this work is completed and the difference between the value of the old and new work is ascertained necessary adjustment for treating the item as "Assets" will be made.

(b) Vide page 78.

	Rs. a. p.
Balance on 1st April 1910	50,714 4 2
Add—Proportionate amount of interest and extra realization on Sinking Funds realized in 1910-11.	5,616 11 3
	56,330 15 5
Add—Proportionate amount transferred to the Fund on account of Discount earned on the investments of different Sinking Funds	10,616 0 11
Balance on 31st March 1911	66,947 0 4

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
RECEIPTS.				
MUNICIPAL FUND.				
Cash Balance (in Bank and Office Treasuries) on 1st April 1910				1,61,875 1 1
GENERAL TAX—				
From the Public		41,56,641 7 3		
„ Government of Bombay		1,91,096 14 6		
„ Port Trust		2,29,016 0 0		
			45,76,754 5 9	
WHEEL TAX AND TOLLS—				
WHEEL TAX—				
Through Assessor and Collector (Private Conveyances)	2,08,585 5 4			
Through the Chief Accountant (Public Land Conveyances)	2,43,113 0 0			
		4,51,698 5 4		
TOLLS—(Through Contractors)		20,500 0 0		
			4,72,198 5 4	
TOWN DUTIES (Gross Collections)		34,48,359 9 9		
Less—Refunds		17,61,740 1 0		
			16,86,659 8 9	
LICENSES—				
(a) Taxes on Trades and Professions'		91,605 8 0		
(b) Land Conveyance, Music, &c., Licenses (issued by the Commissioner of Police)—				
(1) Motor Car Licenses	1,307 16 10			
(2) Music Licenses	6,400 7 4			
		7,708 2 2		
			99,313 10 2	
LIQUOR LICENSES—Receipts from Government ...			1,43,750 0 0	
TOBACCO DUTY LICENSES—Receipts from Government (through Commissioner of Customs)			2,39,307 6 7	
HALALKHORE TAX—				
On value		10,53,861 4 6		
For special services		1,79,389 3 11		
			12,32,250 8 5	
WATER TAX AND OTHER MISCELLANEOUS WATER WORKS REVENUE—				
Water Tax through Assessor and Collector—				
On value 9,62,301 3 8				
On meter measurement 9,57,036 6 7				
Compounded Tax 11,042 12 0				
	19,33,030 6 3			
Water supplied to Municipal Departments	59 8 0			
Water charges recovered through Water Engineer ...	18,224 6 10			
	19,51,314 5 1			
Rent of Water Meters	29,445 4 0			
Miscellaneous	10,943 7 1			
		19,91,703 0 2		
Sale-proceeds of and produce of lands		1,721 7 2		
Rent of land and buildings		1,903 0 0		
			19,95,327 7 4	
MARKET RECEIPTS—				
Stall rents	1,64,749 7 9			
Squatters' fees	49,578 0 6			
Fair Ground and Feeding Fees from Contractors ...	71,000 0 0			
Miscellaneous	24,025 10 2			
		3,09,353 2 5		
Slaughter fees		1,76,017 1 6		
Rent of land and buildings		2,827 0 0		
Sale-proceeds of and produce of land		1 11 6		
			4,88,198 14 5	
Carried over Rs. ...			1,99,65,960 1 1	1,61,875 1 1

No. 13.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911.

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
DISBURSEMENTS.				
MUNICIPAL FUND.				
GENERAL SUPERINTENDENCE—				
Standing Committee and Corporation Establishment ...		72,960 0 7		
Municipal Commissioner's Personal Office Establishment		71,381 9 8		
General Office Establishment		57,472 9 4		
Accounts and Expenditure Audit Establishment ...		86,770 3 9		* 2,89,087 7 1
ASSESSMENT AND COLLECTION DEPARTMENT—				
Property and Wheel Tax Establishment	† 2,13,719 2 5			
Town Duty Collection	1,07,629 9 10			
Licensing Establishment	22,118 5 7			
Revenue and Refund Audit Establishment	‡ 42,179 1 4	3,84,925 10 2		
TOLLS COLLECTION—				
Establishment and other charges		550 9 7		3,85,546 3 9
FIRE BRIGADE		1,50,489 13 10		
Add—Interest on the Fire Brigade Loan of 4½ lakhs—Transferred from Interest on Loans, page 111... ...		17,280 0 0		(a) 1,67,769 13 10
MAINTENANCE OF PUBLIC GARDENS—				
(a) VICTORIA GARDENS—				
Maintenance		78,273 9 4		
(b) ELPHINSTONE CIRCLE GARDEN...		1,294 7 9		
(c) FALKLAND ROAD GARDEN		176 8 2		
(d) NORTHBROOK GARDEN		1,090 15 3		
(e) SIR COWASJEE JEHANGIR GARDEN		222 2 9		
(f) BAZAR GATE GARDEN		324 4 4		
(g) DICK'S TANK GARDEN		211 4 8		
(h) MALABAR HILL GARDEN		766 0 0		
(i) ESPLANADE GARDEN		6,757 11 1		88,098 15 4
PUBLIC WORKS (ENGINEER'S) DEPARTMENT—				
I. GENERAL SUPERVISION AND MISCELLANEOUS DUTIES		§ 70,948 8 1		
II. MECHANICAL BRANCH—				
For *A*—Workshops—see page 112.				
„ *B*—Maintenance of Compressor Station, Colaba (Shone System)	32,653 7 7			
„ *C*—Maintenance of Love Grove Pumping Station...	1,18,167 5 7			
„ *D*—Maintenance of Air Compressor Station at Love Grove (Shone System)	33,038 12 1			
„ *E*—Maintenance of Storm Water Sluices	1,959 12 9	2,35,819 7 0		
III. SANITARY—Disposal of Town Sweepings		1,25,949 7 2		
IV. DRAINAGE—				
A.—Miscellaneous Drainage	2,26,311 0 2			
B.—Maintenance of Sluices	2,431 9 3	2,28,942 9 5		
Public Works (Engr.'s Dept.) *contd.* and carried over Rs.		6,61,679 12 6		
Carried over Rs. ...				3,31,502 8 3

* Of this, Rs. 36,135-14-11 are charged to Water Works Account.

† Do. Rs. 64,115-11-11 do. do. do.

‡ Includes Rs. 25,617-11-4 on account of Town Duty Refund Establishment.

(a) Or Rs. 1,75,989-10-3 includes the Sinking Fund Instalment of Rs. 8,219-12-5 included in the Sinking Fund payments aggregating Rs. 10,28,578-11-10 shown at page 113.

§ Of this, Rs. 11,834-12-0 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—continued and brought forward, Rs.			1,09,55,060 2 9	1,61,875 1 1
PUBLIC GARDENS—				
VICTORIA GARDENS—				
Sale-proceeds of Plants, Flowers, &c.		6,578 1 3		
Rent of Chawls from Malees, &c.		412 8 0		
Fees for Elephant ride		1,009 4 6		
Rebate towards the cost of the Maintenance of the Museum Garden		669 0 0		
Fees for Camel ride		30 5 0		
Fees for admittance		1,201 5 6		
			9,831 8 3	
TRAMWAY RENT			54,468 4 9	
MISCELLANEOUS FINES AND PENALTIES			13,935 6 5	
MISCELLANEOUS RECEIPTS—				
General Sales Account—				
Sale of Land	92,559 7 2			
Miscellaneous	7,058 7 8			
		99,617 14 10		
On account of Health Department—				
Rent of Chawls, Reclamation Ground, Milch Cattle Stables and Dhobiwada	69,913 14 4			
Sale-proceeds of land and produce of land	16,918 0 0			
Sale of Bones, Manure and Cowdung Cakes, &c.	2,192 8 0			
Cleaning Drains	3,841 1 1			
Miscellaneous	7,572 5 8			
		1,00,629 13 1		
On account of Engineer's Department—				
Cleveland Bunder Fees Rs.	1,111 11 0			
Ground-rent for Telephone Lines, ,,	6,500 0 0			
Other Ground-rent ,,	13,443 5 1			
	21,055 0 1			
Right of catching fish, cutting grass, collecting fruits, drawing toddy, &c.	10,071 0 0			
Miscellaneous	9,423 2 6			
		40,549 2 7		
Miscellaneous—				
Sundries		6,371 10 11		
			2,47,468 9 5	
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Buttakee, Notice, &c., Fees		5,490 14 9		
Through Executive Engineer—				
Projecting Verandahs, Balconies, &c.	23,863 14 2			
Opening Roads	3,933 4 0			
Scaffoldings	9,701 14 4			
Occupying Public Roads	3,117 0 0			
Sundries	263 14 0			
		40,882 14 6		
Through Health Officer—				
Digging Graves	3,539 12 0			
Removing Dead Animals	5,564 3 0			
Skinning Dead Animals	57,763 0 0			
Supplying copies of Office Records, &c.	1,302 0 0			
Municipal Laboratory Fees	1,277 0 0			
Fees for Vaccine Instruction	150 0 0			
Fees for vaccinating persons at private places	441 3 0			
Fees for admission to the Sanitary Department	325 0 0			
		70,254 12 0		
Miscellaneous—				
Supplying copies of Office Records, &c., of different Municipal Departments		65 0 0		
			1,16,403 9 3	
Carried over Rs.			1,13,97,167 3 10	1,61,875 1 1

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward ... Rs.			9,31,592 8 3	
PUBLIC WORKS (Engineer's Department)—*contd.* and brought forward... ... ... Rs.		6,61,679 12 8		
V.—WATER WORKS—				
A. Ordinary Branch	2,86,285 6 4			
B. Special Branch	24,162 14 1			
		*3,10,448 4 5		
VI.—STREETS AND BUILDINGS—				
A. Inspection and Supervision ... *... ...	1,72,576 4 8			
B. Public Lighting	3,86,030 2 8			
C. Road Watering	78,724 13 4			
C. I. Oiling and Tarring Roads (experimental) ...	12,672 9 8			
D. Roads, footpaths, &c.	4,94,068 13 1			
E. Improvement of Streets	1,09,430 5 8			
F. Miscellaneous—				
Compensation to Municipal staff employed on extricating bodies of persons overwhelmed in the debris of fallen buildings, &c.	215 13 8			
		12,47,568 15 9		
VII.—Cleaning, Lighting and Repairing Port Trust Wharves Roads		40,183 0 0		
			22,59,820 0 10	
NEW WORKS—				
GENERAL SUPERINTENDENCE—				
Corporation and Standing Committee's Establishment:—				
Providing an Electric Fan in the Municipal Secretary's Office	203 1 2			
General Office Establishment:—				
Providing Sprinklers in the record rooms in the Tower of the Municipal Office Building 2,233 13 2	Rs. a. p.			
Putting up an extra water tap with drainage arrangements for drinking purposes at the Municipal Office Building 294 8 11				
	2,528 6 1			
		2,731 7 3		
Licensing Establishment:—				
Enclosing the Eastern Verandah and Shifting the Fan and Lamps		13 12 8		
Fire Brigade:—				
Construction of a storm-water drain at Haines Road Fire Brigade Station	1,861 4 10			
Reconstructing the Bhuleshwar Fire Brigade Station	10,215 15 9			
		12,097 4 7		
Public Gardens:—				
Constructing a stable for the bullocks and carts at the Victoria Gardens		2,111 0 1		
Mechanical Branch:—				
Renewing cast-iron eaves gutters to the Colaba Compressor Station	638 7 9			
Renewing cast-iron eaves gutter to the engine house of Air Compressor Station at Love Grove...	549 6 9			
Renewing the roof of Love Grove Sluice House with Mangalore Tiles	493 3 3			
Provision of Babcock and Wilcox chain grate stokers and Babcock and Wilcox super heaters for three boilers at the Air Compressor Station at Love Grove	12,315 0 0			
Conversion of the steam driven Air Compressor machinery at the Colaba Air Compressor Station into an electric driven plant...	1,938 2 3			
		15,934 3 0		
New Works—*Continued* and carried over ... Rs. ...		32,887 11 2		
Carried over Rs. ...			31,91,322 9 1	

* Chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward. Rs.			1,13,87,167 8 10	1,61,875 1 1
MISCELLANEOUS SAVINGS			9,747 8 11	
CONTRIBUTION from Municipal Servants towards Pension, &c., Fund			37,994 13 3	
INTEREST on Investments of Surplus Loan and other Balances				
Loan Fund Investments		†85,165 5 3		
Surplus Fund Investments		1,15,795 13 3		
			2,00,961 2 6	
PROFIT on Municipal Workshops		*	126 8 11	
SALE-PROCEEDS of Unserviceable Tools, Plant, &c. ...			4745 0 6	
ACTUAL Profit on sale of Stores to Contractors			6,889 12 4	
INTEREST on the 5, 4 and 3½ per cent. Municipal Loans Sinking Fund Investments		*4,68,587 1 4		
INTEREST on Municipal Buildings Fire Insurance Fund Investments	5,225 8 4			
INTEREST on the Investments of the Net Premia Fund ... ... Rs. 2,932 10 10				
Extra realizations of interest on Sinking Funds Investments transferred to the Net Premia Fund ... ... „ 11,599 0 8				
	‡14,531 11 6			
INTEREST on the Worn-out Water Mains Renewal Fund Investments	24,716 2 4			
		44,473 6 2		
INTEREST at 3 per cent. on Corporation lands made over to C. I. Trust			4,18,960 7 6	
			37,841 0 0	
PAYMENT by the City Improvement Trust of Credit Balance in General Account under Section 79 of Act IV of 1898			52,615 1 3	
				1,21,96,249 0 0
Carried over ...Rs.				1,23,58,024 1 1

* Includes Rs. 1,59,470-0-0 received on the Water Works portion of the Sinking Fund.

† Includes Rs. 20,107-4-3 received on the Water Works portion of Loan Fund Investments.

‡ Includes Rs. 5,616-11-3 received on the Water Works portion of the Net Premia Fund Investments.

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward, Rs.			31,91,322 9 1	
NEW WORKS—*continued* and brought forward ...Rs.		32,887 11 2		
Drainage—				
Miscellaneous Drainage Works	3,319 6 2			
Connecting road watering standposts and tanks with the Municipal Sewer	712 8 7			
Paving and making surface drainage connections to connect watering posts and water tanks to Municipal Sewers	1,635 14 4			
Constructing relieving arches in the Falkland Road storm-water drains	5,625 6 11			
Making and fixing two storm-water sluices, &c., at the outlet of the storm-water drain in Tardeo Road at the Hornby Vellard	2,630 14 2			
Drainage Works to be carried out in consequence of the enforcements of set-backs	4,347 1 3			
Constructing a storm-water drain, &c., near the Tramway Company's stable at Byculla	441 10 7			
Extending storm-water drain, &c., in Mazagon Road ...	1,864 5 11			
Extending storm-water drain at north-east corner of Esplanade Parade ground	4,228 0 0			
Diverting the ovoid storm-water drain in Esplanade Road between Church Gate and Armenian Lane ...	3,611 8 10			
Laying a 9" stoneware pipe sewers at Charni Road between Grant Road and Khetwadi Back Road ...	728 14 5			
Providing a new wooden chowki for the sluicemen at the junction of Bazar Gate and Mint Road	256 7 4			
Providing a storm-water drain, &c., in Valpakhadi Road	3,314 4 2			
Constructing a broad V shaped open drain at the ravine on the western side of the Malabar Hill Reservoir	3,712 5 6			
Providing a covered storm-water drain, &c., at French Bridge and connecting the same with storm-water drain in Hughes Road	2,272 1 4			
		44,616 8 6		
Water Works—				
Laying a 6" diameter water main in Khetwadi Main Road	1,791 9 1			
Replacing 3" main in Bapu Khote Street by a 5" main	853 15 7			
Replacing 3" main in Hunzia Street by a 5" main ...	1,732 10 2			
Removing the existing painters' and carpenters' shop from the store yard and re-erecting the same in Water Works yard at Chinchpokli	1,409 8 8			
Laying a new 6" main in Matharpakhadi Road and laying a new 12" main along Mazagon Road from Nesbit Lane to Mount Road	62 9 8			
Improvement of the condition of the storage of water at the Malabar Hill Reservoir	5,772 7 4			
Providing storage tanks, &c., for the purpose of improving the water-supply to certain fountains in the city	80 9 6			
Laying a 5" main in place of the existing 3" main in Fanaswadi	1,829 10 10			
Laying a new 6" main in Dadar Kumbharwada Cross Lane	329 9 6			
Providing a lead sheet valley gutter to the Engine-room at the Malabar Hill Reservoir	1,145 13 10			
NEW WORKS—Water Works carried over ... Rs.	14,999 7 6			
NEW WORKS—*contd.* and carried over Rs....		77,504 3 8		
Carried over Rs....			31,91,322 9 1	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward Rs.				1,23,58,624 1 1
Carried over ...Rs.				1,23,58,624 1 1

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward Rs.			31,91,322 9 1	
NEW WORKS—*continued* and brought forward — Rs.		77,504 3 8		
WATER WORKS—*continued* and brought forward— Rs.	14,999 7 6			
Repairing the Dhapa drain around Nakhoda Tank at Carnac Road, &c., and constructing the same with the pipe sewer	92 15 10			
Laying a 6" service pipe from the 15" main in Elphinstone Road along the Tulsi pipe line	133 6 11			
Replacing the existing 3" and 4" water mains in Kamatipura Bazar Road by a 6" main	3,671 12 5			
		*18,807 10 8		
STREETS AND BUILDINGS—				
Purchase and fixing of new street name boards ...	955 8 1			
Providing seven street refuges in the different parts of the City	738 10 5			
Providing wooden railing round C Ward Office, Road Department	392 1 9			
		2,066 4 3		
SANITARY AND OTHER MIS. WORKS—				
Paving cab-stands	179 0 7			
Paving and enclosing dust-bin cart-stands	3,539 8 2			
Removing a public urinal on Chinch Bunder Road and re-erecting it at the junction of Valpakindy and Mazagon Roads	324 4 4			
Filling in a portion of the Haines Road Cemetery ...	2,404 12 2			
Constructing a shed over the dust-bin cart at Mambadevi	23 7 4			
Removing and reconstructing a portion of the boundary wall of Dharavi Roman Catholic Cemetery ...	1,325 4 0			
Making certain additions and alterations to Clerks' room at Mahalaxmi Dhobiwada	792 1 2			
Constructing quarters for two nurses in the compound of the Arthur Road Hospital	794 13 7			
Metalling the compound of the Dadar stables	941 2 11			
Erecting two-seated pattern urinal at Cavel Street ...	430 5 6			
Extending Sewri Cemetery	5,584 5 10			
Putting up a circular six-seated urinal at the corner of Grant Road and Upper Duncan Road	581 11 6			
Providing privy accommodation for the halalcores at Tardeo Flats	4,675 3 10			
Providing four-seated privies and two-seated urinals at Babulnath Temple	879 10 11			
Constructing latrines and bathing places at the junction of Khara Tank and Agiary Street	14,033 11 2			
Providing masonry tanks	1,232 0 9			
Constructing a platform, a metalled road, &c., at Gun Carriage Factory at Colaba	5,539 5 8			
Providing a cutcha drain to the south of Haines Road	537 10 8			
Construction of a screen wall around urinals and latrines and a dust-bin stand with a roof, &c., at the junction of Falkland Road and Gilder Street ...	1,626 5 8			
		45,636 1 9		
NEW WORKS—*contd.* and carried over Rs.		1,43,904 4 4		
Carried over Rs. ...			31,91,322 9 1	

* Chargeable to Water Works account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENT
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward ...				1,25,53,024 1 1
Carried over Rs...				1,23,53,024 1 1

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and Brought forward Rs. ...			31,91,522 9 1	
NEW WORKS.—*contd.* and Brought forward Rs. ...		1,83,264 4 4		
MARKETS—				
Constructing a corrugated iron shed at the Bandora Slaughter Houses for the use of Fadkaries	1,913 14 0			
Constructing a temporary Market at Parbhadevi Road	439 2 0			
Pulling down and reconstructing the Cattle Inspection shed at Bandora	3,897 10 7			
Removing the existing Birds shops in the Arthur Crawford Market and reconstructing them on the opposite side	3,737 1 3			
Raising the existing boundary side wall of the Bandora Slaughter Houses on the North side to a height of 7 feet	2,273 9 3			
Renewing the gutter eaves of the Colaba Market ...	694 5 10			
Erecting a teak post and 3" piping fence for the Fadkaries at the DeLisle Road Sheep Market	371 1 7			
		13,326 12 11		
GENERAL STORES—				
Constructing an Office building and a small godown at the Central Stores	11,831 9 3			
Providing a Chowki for the gatekeeper at the Central Stores	488 12 9			
Erecting a wire fence to separate the area allotted for the stores of the Water Works Branch from the stores yard...	491 2 10			
Constructing two wooden chowkies for Ramosis at the Bellasis Bridge pipe depot	1,017 9 16			
		13,829 2 8		
MUNICIPAL WORKSHOPS—				
Purchase of a Radial Drilling Machine 5'-0" radius for Municipal Workshops		169 0 0		
			1,71,320 3 11	
PUBLIC HEALTH DEPARTMENT—				
Expenditure in connection with the investigation of the Committee appointed by Government to enquire into the prevalence and causation of Malaria and other fevers in Bombay		8,144 1 0		
I General Supervision		1,33,492 8 10		
II. Conservancy Branch—				
Veterinary Establishment...	8,969 8 7			
Other Conservancy Charges	15,67,835 1 11			
		15,76,804 10 6		
III. Markets and Slaughter-houses		1,71,026 2 10		
IV. Registration of Births and Deaths		74,889 12 7		
V. Cemeteries		9,399 4 8		
VI. Laboratory		11,857 2 6		
VII. Mahalaxmi Dhobiwada		17,578 7 10		
VIII. Infectious Diseases		49,293 11 8		
IX. Milch-Cattle Stables and Rooms		6,444 10 1		
X. Tank Conservancy		5,884 4 5		
XI. Rustomji Jamshetji Dharamshala, Falkland Rd.		369 5 2		
XII. Vaccination (Contribution to Government)... ...		24,134 8 2		
			20,88,769 9 9	
GENERAL STORES—				
Establishment and Contingencies			31,062 7 7	
EDUCATION—				
Victoria and Albert Museum		14,842 4 2		
Other Institutions		4,02,282 1 3		
			4,17,124 5 5	
CENSUS			14,827 11 10	
HOSPITALS, &c.			4,61,416 5 8	
CONTRIBUTION to the City Improvement Trust ...			8,35,000 0 0	
PENSIONS, &c.			84,293 13 1	
Carried over Rs ...			72,97,977 2 4	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ...				1,23,58,024 1 1
Carried over Rs. ...				1,23,58,024 1 1

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and Brought forward Rs....			72,97,977 2 4	
MISCELLANEOUS—				
Discretional Contingencies		4,334 2 4		
Auditors' Allowance		10,000 0 0		
Less on account of private works—Irrecoverable bills written off		4,075 9 2		
Local Allowance		56,158 8 11		
Grain compensation to peons, &c.		*Cr.* 0 14 5		
Cost of caskets and the addresses presented to the retiring Viceroy and the Viceroy-Designate		2,712 0 9		
Rebate to the Bombay Improvement Trust under Section 73 (3) of Act IV of 1898		53,300 0 0		
Cost of preparing the address of condolence to His Majesty the King-Emperor on the lamented death of His Majesty King Edward VII, Emperor of India, and other expenses in connection with the mournful event		820 2 0	1,31,398 8 9	
INTEREST ON LOANS		24,73,275 15 10		
Less—				
Shown under Fire Brigade (page 101)		17,280 0 0	* 24,55,995 15 10	
CHARGES ON ACCOUNT OF LOANS			† 24,153 4 2	
PLAGUE CHARGES			1,87,234 5 11	1,00,83,761 5 0
PAID OUT OF THE NET PREMIA FUND—				
Printing, advertisements, &c., charges in connection with the 4 per cent. Loan of the 2nd instalment of Rs. 15,00,000 of the 30 Lakhs Loan for overbridges raised in 1910-11	17,791 7 10			
Discount on the above loan raised in 1910-1911 ...	6,273 7 0			
	24,064 14 10			
Printing charges of Indemnity Bonds	37 14 0	24,102 12 10		
Less—				
Premia on investments of 5 per cent. Loans Sinking Fund	*Cr.* 10,493 12 0			
Premia on the investments of 4 per cent. Loans Sinking Fund	*Cr.* 22,976 9 0			
Premia on the investments of 3½ per cent. Loans Sinking Fund	*Cr.* 157 8 0			
	Cr. 33,627 13 0			
Sale-proceeds of water-marked paper supplied to the Bank of Bombay	*Cr.* 58 13 7			
		Cr. 33,686 10 7	*Cr.* 9,583 13 9	
				Cr. 9,583 13 9
Loan Works (*vide* Appendix No. 9)				25,08,990 9 6
Carried over Rs....				4,25,83,168 0 9

* Includes Rs. 11,92,189-6-2 chargeable to Water Works Account.

† Of this Rs. 5,496-2-8 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—continued and brought forward, Rs.				1,23,58,974 1 1
DEBT—				
2nd Instalment of Rs. 10,00,000 of the 30 Lakhs Loan for the acquisition of sites for various over bridges in the City				15,00,000 0 0
ADVANCES—				
(a)—CASH ADVANCES TO MUNICIPAL OFFICERS			1,59,565 15 4	
(b)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private and Departmental Works) ...		1,75,224 13 2		
Private Works (Engineer's, &c., Departmental)		48,566 12 1		
Departmental Works (do.)		1,74,436 3 10		
			3,95,227 13 7	
(c)—ADVANCES TO CONTRACTORS			53,340 12 7	
(d)—MISCELLANEOUS			1,50,746 3 10	
(e)—RESERVE STOCK—				
Stock	6,59,143 6 5			
Water-Works Imprest	1,378 9 8			
Executive Engineer-(General)	26,831 4 2			
		6,87,353 4 3		
Surplus and Obsolete Stores		1,975 6 8		
Stock Adjustment Account		7,299 12 2		
Line Suspense Account		2,583 12 11		
			7,11,004 4 0	
Purchases			4,84,668 2 5	
Sales			41,166 7 4	
				19,59,325 10 7
Carried over ... Rs.				1,58,47,149 11 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and brought forward Rs.				1,25,53,168 9 0
PAID OUT OF THE WORN OUT WATER MAINS RENEWAL FUND—				
Replacing 3" Water main in Mazagon Road by a 6" main and extending it to join the 4" main in Wari Bunder Road			97 13 3	
Laying Water mains in A Ward			28,178 14 2	
3" Water main in Suparibag Road from the junction of Parel Government Gate Road with Elphinstone Road...			Cr. 142 1 6	
Laying water mains in B Ward			4,666 2 10	
Laying a new 6" main in Matarpakhadi Road and laying a new 12" main along Mazgon Road from Nesbit Lane to Mount Road			58 14 5	
Replacing 3" water main in Mahomedan Street at Rigon Road by a 6" main			1,266 1 4	
Laying 3" and 4" mains in Kamatipura Bazar Road by a 6" main			2,442 1 6	
Replacing 3" main in Bapu Khote Street by a 6" main...			933 12 2	
Replacing 3" main in Hurria Street by a 6" main ...			1,141 9 8	
Replacing 3" main in Cawasjee Patel Street by a 6" main			2,617 4 10	
				41,165 5 8
DEBT—				
REPAYMENT—				
Vehar Debt		21,058 4 8		
Drainage Loan of 1878		99,000 0 0		
			1,20,058 4 8	
INVESTMENT OF SINKING FUND AND OF INTEREST ACCRUED THEREON—				
Sinking Fund Investments		6,24,991 16 6		
Interest Realisations		4,03,187 1 4		
			10,28,178 11 10	
INCOME AND EXPENDITURE ACCOUNT—				* 11,48,637 0 6
Charges recoverable from Government (including Plague charges incurred on their behalf) now written off ...				1,11,017 7 3
ADVANCES—				
(a)—CASH ADVANCES TO MUNICIPAL OFFICERS... ...			1,60,412 5 10	
(b)—INTER-DEPARTMENTAL CHARGES—				
Workshops (Private and Departmental Works) ...		1,72,657 8 2		
Private Works (Engineer's and Health Departments)...		13,774 1 3		
Departmental Works (Engineer's Department) ...		1,72,865 8 5		
			3,59,296 13 10	
(c)—ADVANCES TO CONTRACTORS			40,167 3 1	
(d)—MISCELLANEOUS			55,180 15 8	
(e)—RESERVE STOCK—				
Stock	4,15,211 4 3			
Water Works Imprest	1,768 13 10			
Executive Engineer (General)	26,761 1 2			
		5,43,841 3 4		
Stock Adjustment Account		5,049 9 7		
Line Suspense Account		328 6 7		
Surplus and Obsolete Stores...		11 10 3		
			5,49,230 13 9	
Purchases			4,76,486 9 2	
Sales			56,691 5 10	
				47,95,395 10 2
Carried over Rs. ...				3,56,99,583 8 4

* Of this Rs. 2,46,942-4-6 on account of repayment and Rs. 1,59,370 on account of Investment of the Interest realized on the Water Works portion of the 5, 4 and 3½ per cent. Loans Sinking Fund are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward ...				1,58,47,149 11 8
DEPOSITS—				
(a)—BANK OF BOMBAY ON ACCOUNT OF CONTRACTORS, &c., PAPER DEPOSIT			1,61,500 0 0	
(b)—SURPLUS FUND INVESTMENTS—				
Paper Deposit		4,76,944 2 5		
Cash Deposit		26,661 8 8		
Current Account Deposit		20,42,000 0 0		
Fixed Deposit		52,00,000 0 0	77,45,605 11 1	
(c)—LOAN FUNDS—				
Paper Deposit		5,88,466 14 6		
Cash Deposit		31,377 6 6		
Current Account Deposit		14,67,402 9 8		
Fixed Deposit		39,25,000 0 0	60,12,246 14 8	
(d)—RESERVE FUNDS—				
1—Municipal Buildings Fire Insurance Fund—				
Cash Deposit		5,143 5 4		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	34,500 0 0			
Cash Deposit	24,830 2 4	59,330 2 4		
3—Net Premia, &c., Fund—				
Paper Deposit	8,173 2 0			
Cash Deposit	48,057 11 2	56,230 13 2	1,20,704 4 10	
Bank of Bombay on account of Contractors' Securities held under objection			17,300 0 0	
Investment of Loan moneys in 3½ per cent. Government Paper			91,620 5 0	
Deposits—carried over ...			1,41,48,977 3 7	
Carried over Rs. ...				1,58,47,149 11 8

(including Transfers) of the BOMBAY MUNICIPALITY for the Year March 1911—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and brought forward Rs.				1,55,89,683 8 4
DEPOSITS—				
(a)—Bank of Bombay on Account of Contractors, &c., Paper Deposit			1,79,400 0 0	
(b)—Surplus Fund Investments—				
Paper Deposit		3,20,446 9 9		
Cash Deposit		24,661 3 8		
Current Account Deposit		21,42,681 3 3		
Fixed Deposit		37,25,000 0 0		
			87,19,786 5 8	
(c)—Loan Funds—				
Paper Deposit		7,92,503 12 6		
Cash Deposit		31,377 5 6		
Current Account Deposit		17,39,375 2 2		
Fixed Deposit		24,50,000 0 0		
			56,03,256 5 2	
(d)—Reserve Funds—				
1—Municipal Buildings Fire Insurance Fund—				
Paper Deposit	10,131 10 8			
Cash Deposit	5,237 3 0			
		(a) 15,368 13 8		
2—Worn-out Water Mains Renewal Fund—				
Paper Deposit	18,002 8 0			
Cash Deposit	24,578 7 0			
		(b) 42,580 15 0		
3—Net premia, &c., Fund—				
Paper Deposit	32,003 12 0			
Cash Deposit	48,312 10 5			
		(c) 80,316 6 5		
			1,38,265 3 1	
Bank of Bombay on account of Contractors' Securities held under objection			6,100 0 0	
Investment of Loan moneys in 3½ per cent. Government Paper			91,620 5 0	
Deposits—carried over ...			1,41,87,459 2 11	
Carried over ...				1,55,89,683 8 4

	Rs. a. p.	Rs. a. p.
(a)—Total Debits	15,368 13 8	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased	5,143 5 4	
Net payment during the year ...		10,225 8 4
(b)—Total Debits	42,580 15 0	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased, &c., (Rs. 59,330-2-4—Rs. 41,465-5-8 as per page 113)	17,864 12 8	
Net Payment during the year ...		24,716 2 4
(c)—Total Debits	80,316 6 5	
Less—Withdrawals as *per contra* to meet the cost of Securities purchased, &c., (Rs. 56,250-13-2—*Cr.* Rs. 9,585-13-9 as per page 111)	65,814 10 11	
Net Payment during the year ...	.....	†14,531 11 6
Total ...	.....	49,473 6 2

† Of this Rs. 5,616-11-3 are chargeable to Water Works Account.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.—*contd* and brought forward ...				1,58,47,149 11 5
DEPOSIT—*contd.*—and brought forward			1,41,46,577 3 7	
Deposits from Contractors, &c.—				
In Cash— Rs. a. p.				
(*a*) From Contractors ... 3,14,124 12 3				
(*b*) „ Private parties received through Departmental Officers. 79,316 9 4				
(*c*) Other Deposits 1,62,367 11 1				
	6,55,808 1 8			
In Government Paper kept in Office	1,37,100 0 0			
In Government Paper lodged at the Bank of Bombay	1,72,900 0 0			
On account of work performed for private parties ...	15,322 5 0			
		9,81,125 6 8		
Government of Bombay on account of Income Tax...		23,915 1 10		
Profit on Sale of Stores	5,974 9 1			
Miscellaneous Receipts Stores Department—Supervision Charges on Stores sold	329 5 6			
		6,224 14 7		
Court Attachments		2,196 3 7		
Interest realized on Government, &c., paper lodged by the Municipal Employés, Contractors, &c. ...		3,551 4 2		
(Government of Bombay) Land Conveyance, Licenses, &c.—				
Through Chief Accountant on account of License Fees, Badges, &c.		22,526 5 0		
Securities of Municipal Employés and Contractors returned by the Bank of Bombay for payment (kept in office)	1,55,000 0 0			
Paper Deposits from Municipal Employés and Contractors pending submission to the Bank of Bombay (kept in office)	1,33,100 0 0			
Contractors securities held under objection	500 0 0			
		2,58,600 0 0		
Government of Bombay—Expenses for sending indigent persons to the Jamsetjee Jeejeebhoy Institute at Kasauli or Coonoor		168 4 0		
			10,28,373 4 10	
Bombay Improvement Trust for land transferred ...			77,202 0 0	
Contribution from Government towards the cost of Primary School Buildings and their sites ...			1,00,000 0 0	
Cheques Payable			2,56,38,006 6 10	
				4,12,91,581 15 3
			Total Rs. ...	8,51,39,714 10 11

W. E. WAITE,
Chief Accountant.

(including Transfers) of the BOMBAY MUNICIPALITY for the year March 1911—*concld.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*contd.* and Brought forward ...				1,55,89,683 8 4
DEPOSITS—*contd.* and Brought forward			1,41,37,458 2 11	
Deposits from Contractors, &c.—				
In Cash— Rs. a. p.				
(a) From Contractors 4,96,361 8 9				
(b) „ private parties received through Departmental Officers. 65,249 2 10				
(c) Other Deposits 1,36,754 14 11				
	6,98,365 10 6			
In Government Paper kept in Office	1,40,600 0 0			
Do. lodged with the Bank of Bombay...	1,55,000 0 0			
On account of work performed for private parties ...	17,352 1 8			
		10,11,917 12 2		
Government of Bombay on account of Income Tax ...		23,783 7 11		
Profit on Sale of Stores	3,171 6 8			
Miscellaneous Receipts, Stores Department—Supervision Charges on Stores sold	332 10 4			
		3,504 1 0		
Court Attachments		2,286 1 0		
Interest realized on Government, &c., Paper lodged by the Municipal Employés, Contractors, &c.		3,323 11 3		
(Government of Bombay) Land Conveyance Licenses, &c.—				
Through Chief Accountant on account of License Fees, Badges, &c....		18,046 4 0		
Securities of Municipal Employés and Contractors returned by the Bank of Bombay for payment (kept in office)	1,55,000 0 0			
Paper Deposits from Municipal Employés and Contractors pending submission to the Bank of Bombay (kept in office)	1,42,700 0 0			
		2,97,700 0 0		
			13,60,561 5 4	
Book value of Municipal land at Agripada, &c., transferred to the Improvement Trust			77,202 9 0	
Cheques Payable			2,56,86,336 6 1	
				4,12,51,568 14 4
				5,68,51,242 8
Cash Balance (in Bank and Office Treasuries) on 31st March 1911				2,88,472 4 3
			Total ...Rs.	5,71,39,714 10 11

P. R. CADELL,
Municipal Commissioner.

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the party.	Locality.	Actual area acquired.	AS ORIGINALLY	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
Mr. Fakir Mahomed Peerbhoy Nathoo ...	Junction of Memonwada Road and Old Nagpada Street.	38·83	30 0 0	1,164 14 6
„ Mahomed bin Abdul Vahad	Arab Lane between Grant Road and Bapty Road.	541·62	10 0 0	5,416 11 2
Messrs. Haji Cassim Jusab and Haji Ally Mahomed Haji Cassim.	Junction of Narayen Dhuru Street and Nagpada Street.	25·19	100 0 0	2,019 0 0
Mr. Rahimtoola Khalakdina, the surviving Trustee.	Nishanpada Road	4·85	40 0 0	195 3 2
„ Abdul Husain Tyaballi	Parel Road, Bhendi Bazar	16·33	50 0 0	816 8 0
Messrs. Jagmohandas Vandrawandas Bhalshet and Permanandas Ichhalal.	2nd Bholwada Lane	6·92	50 0 0	346 0 0
Bai Benoovertni, widow of Dovidas Jimabhai.	3rd Bholwada	17·69	100 0 0	1,769 0 0
Mr. Mahomedally Rahmanji	Junction of Bapty Road and Doctor Street	56·54	40 0 0	2,261 9 7
„ Karsondas Hirji	New Hanuman Street	31·72	75 0 0	2,379 0 0
„ Haji Ahmed Haji Hussain Dada ...	Abdool Rahiman Street	24·19	200 0 0	4,838 0 0
Bai Nemtoolabai, widow of Abdul Tayab Ismailji.	Sarang Street	10·78	80 0 0	862 6 5
„ Sonabai Merwanji Tarachand, and Nowroji Mareckji Seth, executrix and executor of Merwanji J. Tarachand.	Junction of Gowalia Tank Road and Nepean Sea Road.	221·71	15 0 0	3,325 10 5
Mr. Krishnarao Bhaskar Rele	2nd Carpenter Street	3·76	20 0 0	75 3 2
„ Jaffer Mahomed Mistry	Nishanpada Road	5·55	30 0 0	166 8 0
Messrs. Samsudin bin Haji Miya Pathan and Abdul Rahim bin Haji Miya Pathan.	Junction of Nizam Street and Masjid Cross Street.	20·18	30 0 0	617 6 5
Mr. Hormasji Bomanji Jijibhoy	Junction of Gowalia Tank Road and Nepean Sea Road.	85·28	15 0 0	1,279 3 2
„ Gopiram Hanmukhrai Khetsidas ...	Kalbadevi Road	27·21	150 0 0	4,081 8 0
„ Mahomed Esmail Haji Issak	Memonwada Street	2·02	50 0 0	101 0 0
„ Khuma Manaji Marwadi	Junction of Kamatipura Cenjee Road and 7th Street.	87·12	10 0 0	871 3 2
Messrs. Mahomedalli Toongekar, Gulam Ahmed Toongekar and Samsudin bin Haji Mahomed Yusuf Toongekar.	Kazi Street	11·03	30 0 0	330 24 5
Bai Sirinbai, wife of Bapuji Nasserwanji Watchaghandi and Mr. Rustomji Jehangir Morris.	Wodehouse Road	15·0 25·0	40 0 0 10 0 0	600 0 0 250 0 0
Mr. Haji Jackeria Haji Ahmed Patel ...	Kambekar and New Bengalpura Streets ...	108·72	40 0 0	4,348 12 10
	Carried over ...	1,185·72		36,415 10 4

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1910-11.

PROPOSED.		AS SUBSEQUENTLY SANCTIONED AND PAID				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
.....	1,484 14 5	40 0 0	1,535 3 2	.....	1,552 3 2	
1,285 6 5	4,762 1 7	15 0 0	5,125 0 10	1,285 0 0 *472 13 4	6,882 14 2	* Interest at 6 per cent. per annum from 21st June 1909 to 14th April 1910.
.....	2,319 0 0	200 0 0	4,638 0 0	.....	4,638 0 0	
.....	195 3 2	50 0 0	214 0 0	.....	214 0 0	
74 0 0	890 8 0	75 0 0	1,221 12 0	74 0 0	1,298 12 0	
875 0 0	721 0 0	70 0 0	484 6 5	875 0 0 *83 6 6 † 66 10 0	989 6 11	* Interest at 6 per cent. per annum from 26th January 1909 to 2nd June 1910. † Half the Court costs.
1,477 0 0	3,246 0 0	140 0 0	2,476 9 7	1,477 0 0	3,953 9 7	
2,999 0 0	5,260 3 7	60 0 0	2,382 6 5	2,999 0 0	6,391 6 5	
.....	2,379 0 0	100 0 0	3,172 0 0	.....	3,172 0 0	
857 0 0	5,955 0 0	240 0 0	5,805 9 7	857 0 0 *216 4 9	6,878 14 4	* Interest at 6 per cent. per annum from 1st December 1909 to 16th June 1910.
1,680 0 0	2,452 0 5	125 0 0	1,347 8 0	1,680 0 0 *169 6 7	3,117 0 7	* Interest at 6 per cent. per annum from 24th October 1909 to 24th October 1910.
1,679 0 0	5,001 10 5	27 8 0	6,097 0 5	1,679 0 0 *507 15 3 † 67 0 0	8,350 15 8	* Interest at 6 per cent. per annum from 3rd March 1909 to 16th June 1910 and 14th March 1910 to 16th June 1910. † Half the Court costs.
.....	175 3 2	30 0 0	112 12 10	.....	112 12 10	
.....	166 8 0	60 0 0	444 0 0	.....	444 0 0	
2,451 0 0	3,068 6 5	35 0 0	720 4 10	2,451 0 0	3,171 4 10	
328 0 0	1,607 3 2	27 8 0	2,345 3 7	328 0 0	2,673 3 2	
.....	4,681 8 0	225 0 0	6,122 4 0	.....	6,122 4 0	
.....	191 0 0	145 0 0	292 14 5	*29 11 11 † 14 7 6	326 1 10	* Interest at 6 per cent. per annum from 19th May 1909 to 21st July 1910. † Half the Court costs.
1,109 0 0	1,971 3 2	21 0 0 difference as per	2,660 14 0 Court's decree. 0 2 0	1,109 0 0 * 348 9 7 † 134 5 0	3,643 14 7	* Interest at 6 per cent. per annum from 24th November 1908 to 4th August 1910. † Court costs.
.....	830 14 5	75 0 0	827 4 0	.....	827 4 0	
914 0 0	1,764 0 0	45 0 0	2,216 12 0	914 0 0 *458 1 11	3,118 13 11	* Interest at 6 per cent. per annum from 14th October 1909 to 4th August 1910.
4,583 0 0	8,231 12 10	75 0 0	6,151 0 0	4,583 0 0 *960 5 1 † 67 2 6	12,764 7 7	* Interest at 6 per cent. per annum from 12th May 1909 to 15th August 1910. † Half the Court costs.
19,722 6 5	56,138 0 9		33,016 13 8	22,959 5 11	81,976 5 7	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the party.	Locality.	Actual area acquired.	AS ORIGINALLY	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
	Brought forward ...	1,185·72		36,415 10 4
Mr. Jamasji Ratanji Mistry	Arab Lane, between Grant Road and Bapty Road.	37·69	10 0 0	376 14 5
Messrs. Mahomedally Lukmanji, Sarafalli Mamuji, Hasanali Sallemanji, and Mahomedalli Hakimji, the executors of Lukmanji Sallemanji.	Junction of Pakmodia Street and Yakub Street.	24·61	30 0 0	738 4 10
Mr. Jamsedji Dhalji Sukkstwalla	Khotwadi 12th Street	13·54	15 0 0	278 1 7
„ Allibhoy Noorbhoy	Mutton Street	10·18	30 0 0	314 6 5
„ Panday Shree Patiprasad Acharya ...	3rd Bhoiwada Street	8·39	75 0 0	629 4 0
„ Joshi Narrey Keshavji	Samuel Street...	14·64	150 0 0	2,196 0 0
„ Mahomed Saliah H. A. Satar	Grant Road	66·0	30 0 0	1,980 0 0
„ Ram Narayen Harnandrai	Kolbhat Street	17·44	30 0 0	523 3 2
Messrs Haji Esmail Allana Saleh Mahomed, Haji Noormahomed Haji Esmail, and Haji Rahimtoola Abdurrahuman, the Trustees of Haji Esmail Habib Charitable Institute.	Pakmodia Street	9·15	30 0 0	274 8 0
Mr. Jagmohandas Mangaldas Nathoobhai...	Kalbadevi Road	37·23	140 0 0	5,212 3 2
„ Tikayet Shree Gowardhanlalji Girdharji Maharaj.	Masjid Bunder Road	47·61	160 0 0	7,622 0 5
„ Narotam Murarji Goculdas	Kalbadevi Road	80·75	200 0 0	16,150 0 0
„ Cassambhoy Jairajbhoy Peerbhoy ...	Gowalia Tank Road	121·28	20 0 0	2,425 9 7
„ Kedarmal Bhuramal	Junction of Kalbadevi Road and Old Hanuman Lane.	43·55	100 0 0	4,355 0 0
Messrs. Sabajali Cassam Gulamhussain and Karim Saleh Mahomed.	Jail Road East...	20·31	50 0 0	1,015 8 0
Bai Aishabibi, widow of Sk. Ahmed Khakhaty and daughter of the late Mahomed Ebrahim Mukber.	Umarkhadi Road	4·60	25 0 0	115 0 0
Mr. Jiwanlal Punalal	Grant Road Bridge Low Level Road ...	310·85	30 0 0	9,325 8 0
„ Sirdar Vinayakrao Dhundiraj Biwalkar	Shaik Memen Street	28·12	100 0 0	2,812 0 0
Goswami Shri Dwarkeshlalji Yalabhraiji Maharaji	Sutar Chawl	4.81	50 0 0	240 8 0
	Carried over ...	2,091·80		92,599 15 11

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1910-11.

PROPOSED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
19,722 6 5	56,138 0 9	.....	32,016 15 8	22,959 5 11	81,976 5 7	
890 8 0	767 6 5	15 0 0	865 5 7	890 8 0	955 13 7	
655 0 0	1,393 4 10	60 0 0	1,476 9 7	655 0 0	2,131 9 7	
1,340 0 0	1,618 1 7	20 0 0	370 12 10	1,816 0 0	1,710 12 10	
.....	314 6 5	50 0 0	524 0 0	*40 0 0 †61 0 0	625 0 0	* Interest. † Half the Court costs and professional costs.
30 0 0	659 4 0	140 0 0	1,174 9 7	30 0 0	1,204 9 7	
454 0 0	2,650 0 0	438 10 7	6,422 0 0	454 0 0	† 6,876 0 0	† Includes interest also.
297 0 0	2,277 0 0	40 0 0	2,640 0 0	297 0 0 *275 10 1	3,212 10 1	* Interest at 6 per cent. per annum from 24th February 1909 to 17th September 1910.
.....	523 3 2	40 0 0	697 9 7	.....	697 9 7	
860 0 0	1,134 8 9	60 0 0	549 0 0	860 0 0 *156 12 6 † 67 14 0	1,633 10 6	* Interest at 6 per cent. per annum from 12th November 1908 to 22nd Sept. 1910. † Half the Court costs.
.....	5,212 3 2	160 0 0	5,256 12 10	*316 12 2 † 67 2 6	6,340 11 6	* Interest at 6 per cent. per annum from 4th June 1909 to 22nd September 1910. † Half the Court costs.
2,500 0 0	10,122 6 5	200 0 0	9,528 0 6	2,500 0 0 *966 13 3	12,994 13 3	Interest at 6 per cent. per annum from 26th May 1909 to 26th September 1910.
.....	16,150 0 0	250 0 0	20,187 8 0	.....	20,187 8 0	
2,894 0 0	5,319 9 7	25 0 0	3,032 0 0	2,894 0 0	5,926 0 0	
1,462 0 0	5,817 0 0	200 0 0	8,210 0 0	1,462 0 0 *395 6 3 † 67 2 6	10,934 8 9	* Interest at 6 per cent. per annum from 27th July 1909 to 3rd October 1910. † Half the Court costs.
.....	1,015 8 0	85 0 0	1,726 5 7	*116 13 3 † 67 2 6	1,910 5 9	* Interest at 6 per cent. per annum from 22nd July 1909 to 9th September 1910. † Half the Court costs.
526 0 0	641 0 0	40 0 0	184 0 0	526 0 0	710 0 0	
.....	9,325 3 0	61 0 0	18,961 13 7	*1,916 8 4	20,878 5 11	* Interest at 6 per cent. per annum from 1st June 1909 to 15th March 1911.
.....	2,812 9 0	400 0 0	11,248 0 0	*922 7 1	12,170 7 1	* Interest at 6 per cent. per annum from 12th February 1909 to 6th October 1910.
240 0 0	480 8 0	158 0 0	760 0 0	240 0 0 *140 0 0 † 50 0 0	1,190 0 0	* Interest. † Court costs.
31,370 14 5	1,21,370 14 4	.....	1,53,731 6 10	40,535 6 9	1,94,266 13 7	

Appendix

STATEMENT showing the Principal Liabilities on account of Street Improvement incurred at rates finally made

Name of the Party.	Locality.	Actual area acquired.	As originally	
			Rate per square yard.	Compensation for Land.
			Rs. a. p.	Rs. a. p.
	Brought forward ...	2,091·89	.....	92,599 15 11
Mr. Noor Mahomed Beg Mahomed Aboobakar A. Rahiman and Emnabai, executor and executrix of the will of Mr. Esmail Beg Mahomed.	Junction of Grant Road and Daboo Street.	153·11	30 0 0	4,602 4 10
Bai Fatmabai, widow of Shaik Ahmed bin Shaik Bahadur.	Junction of Kambekar Street and Old Nagpada.	23·89	50 0 0	1,194 8 0
Mr. Ranchordas Harjiwan	Mugbhat Cross Street...	113·84	20 0 0	2,276 12 10
Messrs. Haji Umar Haji Adam, Haji Tar Mahomed Haji Adam and Haji Sulleman Haji Adam.	Nakoda Street	5·33	100 0 0	533 0 0
Mr. Hormasji Pestonji	Arab Lane between Grant Road and Rapty. Road.	268·09	15 0 0	4,021 5 7
,, Manockji Pestonji Cabinetmaker ...	Junction of Kamatipura Centre Road and 6th Street.	36·75	20 0 0	735 0 0
,, Vishwanath Prabhuram Vaidya ...	Cathedral Street	142·79	60 0 0	8,567 6 5
,, Saiebhai Ebrahim...	Arab Lane between Grant Road and Rapty Road.	145·43	10 0 0	1,454 4 10
Messrs. Gajanan Pandurang, Waman Pandurang, Chintaman Pandurang and others.	Shamset Street	4·02	75 0 0	301 8 0
		2,985·35		1,16,686 2 5

			Rs. a. p.
Average rate per 1 square yard for compensation of land as originally sanctioned			35·09 or 35 1 5
Do.	do.	do. do. as subsequently do.	67·63 or 67 10 10
Do.	do.	do. for structure as originally do.	11·59 or 11 9 5
Do.	do.	do. do. as subsequently do.	15·05 or 15 0 10
Do.	do.	do. for total amount originally do.	50·68 or 50 10 10
Do.	do.	do. do. subsequently do.	82·73 or 82 11 8, or 63½ per cent. increase in the rate per square yard.

W. E. WAITE,
Chief Accountant.

No. 14.

originally sanctioned and at rates which were subsequently increased and on which payments were during 1910-11.

PROPOSED.		AS SUBSEQUENTLY SANCTIONED AND PAID.				REMARKS.
Compensation for Structure.	Total.	Rate per square yard.	Compensation for Land.	Compensation for Structure.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
34,370 14 5	1,21,320 14 4	.....	1,58,781 6 10	10,535 6 9	1,94,266 13 7	
2,560 0 0	7,162 4 10	120 0 0	18,109 2 2	2,560 0 0	30,960 3 2	
300 0 0	1,494 8 0	70 0 0	1,572 1 10	300 0 0	1,922 4 10	
.....	2,276 12 10	28 0 0	3,467 8 3	* 258 0 3 † 134 5 0	3,574 13 4	*Interest at 6 per cent. per annum from 25th August 1909 to 31st December 1910. †Court costs.
.....	533 0 0	150 0 0	799 8 0	.....	799 8 0	
.....	4,021 6 7	30 0 0 25 0 0	3,009 0 0 4,202 4 0	* 682 14 3	7,885 2 3	*Interest at 6 per cent. per annum from 1st July 1909 to 28th January 1911.
.....	735 0 0	24 0 0	552 0 0	.....	552 0 0	
.....	8,567 6 5	95 0 0	13,565 0 10	.....	13,565 0 10	
348 0 0	1,802 4 10	15 0 0	2,181 7 2	348 0 0	2,529 7 2	
45 0 0	316 8 0	120 0 0	482 6 5	45 0 0 * 37 5 8 † 31 9 6	595 4 7	*Interest at 6 per cent. per annum from 4th September 1909 to 23rd February 1911. †Half the Court-costs.
34,623 14 5	1,51,310 0 10	.....	2,02,663 1 6	14,927 8 3	2,46,926 9 9	

P. R. CADELL,
Municipal Commissioner.

Appendix

Income of the Bombay Municipality from the year 1865

Taxation Proper.

Year.	Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Liquor Licenses.	Tobacco Licenses.		Contributions from Insurance Companies or Fire Tax.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
1865	1,20,14,635	10,37,379	....	....	2,32,698	2,022	1,06,719	1,45,873	....	....	....
1866	1,25,24,693	7,16,004	2,93,683	93,617	2,12,330	2,72,615	2,122	46,954	1,30,320	....	....
1867	1,61,09,535	9,24,063	4,21,940	1,32,549	3,28,179	2,05,136	....	1,06,808	1,28,826	....	....
1868	1,47,49,875	9,20,287	3,75,662	2,46,021	2,68,514	2,08,320	....	1,20,564	1,36,762	....	....
1869	1,39,41,363	7,93,308	3,23,583	2,49,606	2,87,574	1,90,331	3,08,399	2,49,077	1,31,178	....	....
1870	1,36,20,851	7,23,783	3,37,043	3,16,934	2,80,881	23,147	2,96,183	1,23,681	1,39,880	....	....
1871	1,76,26,845	8,75,489	3,80,409	3,80,290	3,09,191	7,185	4,81,486	1,16,270	1,28,046	....	....
1872	1,89,30,310	7,09,903	3,83,771	3,41,343	3,05,097	5,462	6,67,623	93,914	1,47,654	....	....
1873	1,26,71,916	7,01,013	3,25,852	3,27,010	2,16,633	97	6,46,524	2,79,074	1,45,732	....	....
1874	1,19,61,190	6,56,814	2,99,103	2,37,518	2,48,217	3,804	6,89,649	2,24,597	1,47,775	....	16,319
1875	1,11,89,064	5,12,738	2,70,569	2,16,532	2,43,376	911	6,73,287	1,58,980	1,45,951	....	14,338
1876	1,12,79,210	5,82,459	2,17,634	2,15,084	2,58,457	2,113	7,35,247	1,81,723	1,47,354	....	18,822
1877	1,14,27,650	6,47,541	2,00,041	2,14,670	2,44,349	1,915	7,51,919	83,597	1,49,563	....	19,164
		Consolidated Rate.									
1878	1,13,37,115	....	9,23,034	....	2,14,560	....	6,95,004	1,00,665	1,42,279	....	12,573
1879	1,13,53,417	....	10,52,775	....	1,21,819	2,353	6,73,917	1,43,739	1,65,029	....	20,761
1880	1,17,87,125	....	8,99,434	....	2,31,923	344	6,13,784	1,43,750	1,61,197	....	22,311
1881	1,17,24,670	(3.8)%	10,03,810	....	2,31,564	1,302	6,37,482	1,43,750	1,61,629	....	21,039
1882-83	1,23,80,242						For 15 months	i.e., from 1st January 1882 to 31st March 1883, the calendar			
....	....	....	13,24,975	....	4,12,027	....	8,17,19 9	1 43,750	2,06,024	....	32,000
1883-84	1,18,64,327	(3.8)%	9,81,335	....	2,51,227	3,417	6,13,113	1,79,687	1,74,506	....	26,706
1884-85	1,15,52,746	Do.	11,10,457	....	3,00,832	4,205	7,21,431	1,43,750	1,72,623	....	....
1885-86	2,00,25,122	Do.	14,61,309	....	2,32,283	4,325	6,70,198	1,43,750	1,73,177	....	23,914
1886-87	2,16,27,320	(3.8)%	13,58,647	....	2,19,161	2,943	10,12,102	1,43,750	1,90,260	....	29,176
1887-88	2,27,92,245	(3.8)%	14,07,013	....	3,36,929	4,010	9,35,780	1,43,750	1,86,168	(a) fire tax	27,257
1888-89	2,29,31,043	Do	14,66,024	....	3,14,371	45,471	7,76,497	1,43,750	1,81,297	2½%	24,703
1889-90	2,75,44,359	Do	15,92,503	....	3,35,516	52,792	6,67,063	1,43,750	1,90,932	....	(a) 29,187
1890-91	2,92,27,335	Do.	16,54,582	....	2,56,664	60,431	5,79,510	1,43,750	1,8 ,284	(3)%	2,33,348
1891-92	2,95,50,012	Do.	17,95,091	....	3,42,913	75,101	5,40 772	1,43,750	1,96,151	Do.	1,64,765
1892-93	2,94,01,585	Do.	17,23,901	....	3,44,903	79,576	9,72,728	1,43,750	1,81,7.3	Do.	1,65,838
1893-94	2,63,29,078	Do.	17,49,521	....	3,31,176	61,817	8,97,266	1,43,750	1,86,823	(3)%	1,10,904
1894-95	2,76,13,741	Do	17,39,385	....	2,56,092	94,137	8,58,542	1,43,750	2,05,151	Do.	1,09,324
1895-96	2,83,54,851	Do	17,62,009	....	2,61,513	96,335	9,34,851	1,43,750	2,17,476	Do.	1,10,427
1896-97	2,80,27,615	Do.	17,45,929	....	2,46,681	74,085	6,42,141	1,43,740	1,52,867	Do.	1,09,128
1897-98	2,94,62,803	Do.	19,25,315	....	3,41,934	86,643	9,31,454	1,47,710	1 59,2.3	Do.	1,20,961
1898-99	2,78,83,618	(3.8)%	21,06,993	....	3,31,197	87,785	15,17,161	1,43,750	2,05,844	Do.	1,17,219
1899-1900 ..	2,84,11,091	(3.8)%	23,24,319	....	3,02,748	90,346	15,94,121	1,43,750	2,21,823	Do.	1,20,127
1900-1901 ..	3,13,54,106	Do.	28,34,971	....	3,21,346	91,702	11,31,371	1,43,750	2,16,139	Do.	1,20,647
1901-02	3,18,11,825	(3.8)%	31,73,001	....	3,40,747	92,733	8,61,122	1,43,750	2,33,068	Do.	1,27,870
1902-03	3,18,91,403	Do.	31,81,319	....	3,21,013	9,02,070	13,13,346	1,43,750	2,44 892	Do.	1,29,945
1903-04	3,44,43,599	Do.	27,64,974	....	3,13,020	1,03,311	11,46,0.9	1,43,750	2,40,044	Do.	1,28,163
1904-05	3,56,15,934	Do.	30,29,572	....	4 12,187	1,03,372	14,16,942	1,43,750	2,60,741	Do.	1,31,302
1905-06	3,81,90,317	(3.8)%	27,95,778	....	4,45,243	98,923	11,69,150	1,43,750	2,72,779	(3)%	1,30,037
1906-07	4,14,44,906	Do.	29,59,315	....	3,42,749	1,03,221	13,75,074	1,43,750	2,68 878	Do.	1,28,631
1907-08	4,12,79,940	(3.8)%	29,24,517	....	3,32,892	1 06,281	13 92,703	1,43,750	2,80 2'9	Do.	1,29,229
1908-09	4,68,25,266	Do.	31,47,249	....	4,79,852	1,19,278	12,96,210	1,43,750	2,78,510	Do.	1,47,321
1909-10	4,84,84,967	(3.8)%	33,03,816	....	5,01,553	97,784	14,33,491	1,43,750	2,80,814	Do.	1,52,357
1910-11	5,20,51,178	(3.8)%	33,51,640	....	4,72,198	89,314	16,86,819	1,43,750	2,59,907	(3.8)%	2,15,091

W. E. WAITE,
Chief Accountant.

No. 15.

to close of the financial year 1910-1911.

Total Taxation Propor.	SERVICE RENDERED. Hatikhore Tax.	SERVICE RENDERED. Water Tax.	Total service rendered.	MISCELLANEOUS. Government contribution for Police and City Improvement Trust.	MISCELLANEOUS. Returns from Property and Miscellaneous	Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five Years' average annual Income.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs. a. p.	
19,42,762	....	1,78,719	1,78,719	....	2,42,906	23,63,787	1865	8,16,562	2 9 6	
18,96,545	3,92,855	6,49,122	5,41,978	....	7,06,184	29,14,673	1866	....	3 6 1	
23,44,905	1,31,871	2,73,008	5,18,830	1,50,000	1,26,780	30,90,515	1867	....	3 6 1	31,12,975
22,76,927	3,91,454	4,78,377	5,83,831	2,00,179	4,33,787	33,33,674	1868	....	3 14 0	
24,16,778	2,30,562	3,62,393	5,53,360	1,09,852	2,71,011	27,89,226	1869	....	3 11 0	
23,46,630	2,13,197	3,66,926	5,80,183	1,08,882	2,73,725	29,07,749	1870	....	3 9 3	
20,44,067	1,89,956	3,57,578	5,57,561	....	2,69,154	28,71,160	1871	....	3 2 11	
20,78,240	2,17,071	4,07,135	6,24,906	....	3,45,185	30,85,331	1872	6,66,895	4 3 1	31,06,514
20,06,375	2,60,800	4,00,629	6,01,225	. . .	4,56,004	33,94,104	1873	....	4 7 2	
20,78,020	1,92,235	3,43,067	5,35,302	....	3,47,980	29,81,823	1874	....	4 1 4	
22,28,085	1,94,215	3,90,212	4,94,427	90,000	3,31,014	31,43,926	1875	....	4 3 7	
21,81,936	2,04,077	3,68,377	5,12,454	90,000	3,30,283	31,77 723	1876	....	4 2 11	
22,84,031	2,01,299	3,11,823	4,13,122	90,000	4,04,292	32,41,452	1877	....	4 4 2	
21,79,168	1,85,380	2,92,760	4,86,160	90,000	3,87,075	31,45,135	1878	....	4 2 2	32,09,803
21,45,062	2,42,015	3,54,796	5,96,813	90,000	5,09,792	33,41 176	1879	....	4 4 0	
21,18 977	2,03,047	3,80,703	5,93,750	75,000	4,64,172	32,31,570	1880	....	4 3 4	
22,59,084	2,61,805	5,21,819	8,06,624	90,000	7,37,976	38,73,494	1881	7 73,196	5 15 5	
being changed to the financial year, the income was as follows :—										
28,46,945	3,75,216	6,70,697	9,99,593	91,525	6,75,575	46,13,240	1882-83	....	4 15 6	39,37,848
27,87,996	2,43,837	5,47,647	7,91,104	84,612	5,72,400	37,97,173	1883-84	....	4 16 8	
25,82,987	2,89,516	5,06,122	8,85,739	90,000	6,54,162	43,13,943	1884-85	....	4 7 9	
23,80,449	2,16,737	6,63,370	8,87,157	90,000	5,77,247	44,73,973	1885-86	....	4 14 10	
21,88,299	2,18 630	7,74,651	10,93,281	....	6,20,214	49,61,914	1886-87	....	5 8 7	
21,10,531	3,72,216	8,53,774	12,25,989	....	7,49,967	51,66,630	1887-88	....	5 10 4	49,70,156
19,27,718	3,90,029	9,63,804	13,53,843	....	6,90,632	49,65,163	1888-89	....	5 8 5	
20,41,841	4,83,919	11,23,006	15,06,975	....	7,03,400	53,42,169	1889-90	....	5 15 11	
24,10,935	3,27,811	11,49,189	14,76,429	....	(c) 10,76,195	61,61,901	1890 91	....	6 9 3	
25,07,542	5,55,827	11,81,829	17,37,656	....	9,98,325	69,33,189	1891-92	8,31,764	6 6 1	
26,68,001	6,23,300	14,07,091	20,29,391	....	9,75,681	81,72 913	1892-93	....	6 14 11	64,74,819
25,24,459	5,63,076	13,86,838	18,68,854	....	(b) 13,49,189	67,61,695	1893-94	....	6 2 0	
25,47,569	6,81,357	13,88,765	20,69,823	....	9,21,981	65,31,372	1894-95	....	6 12 4	
26,13,373	6,57,812	14,67,895	21,06,707	....	(c) 10,49,620	67,61,710	1895-96	....	6 15 2	
21,97,196	6,88,486	13,98,410	20,86,896	....	9,74,388	63,08,978	1896-97	....	6 5 10	
27,76,284	7,31,485	13,19,852	20,65,337	....	(d) 13,03,939	71,45,940	1897-98	....	7 1 8	72,21,595
41,26,620	7,12,122	15,00,979	22,14,092	....	8,27,198	71,61,911	1898-99	....	7 11 4	
53,47,619	7,25,264	17,72,767	24,98,231	....	9,84,167	88,29,917	1899-1900	....	9 8 9	
49,24,736	7,14,449	17,24,625	24,30,075	....	10,78,037	84,02 918	1900-01	....	9 15 7	
43,71,589	7,58,439	18,47,130	23,35,519	....	10,59,181	77,06,789	1901-02	7,76,006	9 10 3	
47,90,830	7,91,301	15,13,976	21,09,960	....	10,74,698	81,76,658	1902-03	....	9 2 4	84,32,800
49,39,803	8 10,810	15 21,366	23,82,176	....	11,30,946	84,87,825	1903-04	....	9 7 4	
55,22,670	8,76,191	17,14,463	25,89,047	....	12,35,791	92,34,111	1904-05	....	10 7 3	
50,06,080	9,33,253	18,37,780	27,30,425	....	12,96,024	90,91,139	1905-06	....	10 0 3	
53,76,598	9,91,362	19,38,429	29,29,791	....	13,42,112	96,48,501	1906-07	9,77,522	9 7 10	
54,64,390	10,46,874	19,48,830	29,95,704	....	14,22,890	98,89,324	1907-08	....	9 10 5	1,00,26,455
56,12,966	11,19,522	20,06,189	31,25,611	....	15,49,491	1,02,84,068	1908-09	....	9 14 11	
64,16,245	11,92,345	20,21,783	32,04,124	....	15,82,488	1,12,13,364	1909-10	....	9 13 5	
12,38,583	12,52,351	19,93,327	32,28,678	....	17,29,782	1,21 96,149	1910-11	9,72,530	10 12 1	1,21,96,149

(a) Includes Rs. 2,32,544 for arrear recoveries for work done.
(b) Rs. 4,50,899 adjusted on account of premia on loans.
(c) Includes premia of Rs. 37,749 on loan raised.
(d) Includes rebate of plague expenses amounting to Rs. 4,37,315.

P. R. CADELL,
Municipal Commissioner.

Appendix

Expenditure of the Bombay Municipality from the

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Offices.	Pensions and Gratuities.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1861	93,334	1,21,822	Not traceable.	31,33,722	8,18,914	Not traceable.	243	1,61,911	....	....	....
1866	1,31,622	56,539		13,32,917	14,65,783		14,430	3,96,169	....	....	20,554
1867	61,937	71,331		17,38,626	14,16,391		9,180	4,23,423	....	....	73,260
1868	70,190	87,600	22,700	12,79,551	10,41,562	9,072	3,733	4,17,081	....	....	2,30,827
1869	1,09,879	1,23,631	23,316	12,31,479	8,35,673	9,719	5,671	3,79,637	....	....	3,31,268
1870	3,37,202	3,12,486	20,936	13,23,592	9,29,784	8,661	10,254	4,74,908	....	....	4,46,387
1871	3,37,653	3,12,551	21,761	16,11,727	7,84,459	6,612	7,785	5,90,875	7,886	....	4,79,706
1872	1,15,592	1,33,766	22,433	12,63,587	7,61,834	*	7,221	3,77,269	9,221	....	2,62,971
1873	2,16,975	2,41,346	19,546	10,70,919	7,95,540	*	6,995	3,45,912	10,000	....	3,66,270
1874	1,11,580	0,29,923	23,316	10,13,529	7,28,139	*	8,030	3,14,325	20,002	....	1,99,023
1875	1,13,902	1,23,268	20,963	9,93,731	7,42,515	*	8,421	3,51,220	20,000	20,000	7,76,561
1876	1,02,259	1,41,767	27,764	9,50,593	9,57,651	....	21,157	3,57,724	10,000	20,000	7 09,227
1877	1,10,164	1,43,653	24,193	8,97,545	7,89,619	....	8,301	3,74,919	10,000	20,000	6,23,793
1878	1,19,597	1 44,457	27,317	8,13,037	7,80,491	....	8,068	3,61,281	12,000	20,000	5,61,223
1879	1,21,597	1 34,373	23,360	8,35,657	8,06,105	....	15,014	3,64,104	17,000	20,000	6,27,902
1880	1,25,493	1,37,216	24,600	8,86,195	7 91,419	....	7,749	3,83,106	15,000	20 000	6,47,560
1881	1,25,911	1,52,307	29,743	9,16,879	7,99,021	....	8,115	3,97,222	17,000	20,425	7,41,300
							For 15 months from 1st January 1882 to 31st March 1883, the calendar				
1882-83	2,37,215	1,87,888	73,669	14,01,169	10,14,785	.. .	12,903	4,14,624	28,125	24,918	12,28,882
1883-84	2,01,021	2,49,117	25,245	10,50,228	9,16,916	....	47,733	3,82,609	27,500	27,632	8,13,063
1884-85	1,63,235	1,66,912	68,677	11,31,251	8,19,947	....	22,253	3,61,743	22,500	24,315	7,37,605
1885-86	1,66,522	1,51,717	41,854	12,34,529	8,43,007	....	16,315	3,58,873	27,700	31,349	7,97,227
1886-87	1,73,000	2,17,138	73,504	12,60,959	10,10,118	....	19,133	4,63,964	31,964	46,316	8,53,451
1887-88	1,70,945	2,12,148	69,650	13,04,393	10,25,731	....	20,322	3,62,318	1,24,718	40,153	23,27,461
1888-89	1,69,753	1,91,820	1,12,329	13,01,241	11,36,310	....	29,470	3,89,240	50,332	36,537	14,99,111
1889-90	1,72,173	1,92,613	93,567	13,03,241	11,96 277	....	29,339	3,98,193	49,258	35,746	14,85,771
1890-91	1 82,139	2,23,834	1,29,291	13,92,634	13,02,561	....	37,115	3,96,285	66,662	38,608	15,33,131
1891-92	1 91,938	2,41,912	88,671	13,99,023	13,02,379	....	33,810	3,86,215	80,722	56,284	16,81,409
1892-93	1,90,922	2,32,172	1,47,024	27,73,812	13,05,163	....	29,849	3,61,022	87,143	49,514	21,97,233
1893-94	2,29,512	2,35,139	1,06,217	15,31,700	17,33,814	....	37,510	3,55,272	68,915	52,476	21,37,457
1894-95	2,11,491	2,67,771	1,14,134	16,57,335	18,70 163	....	40,568	3,74,022	87,250	61,454	20,24,871
1895-96	1,99,137	2,40,990	1,13,261	17,21,317	13,75,824	....	45,452	3,61,004	88,681	56,240	21,13,251
1896-97	1,92,681	2,45,159	1,07,454	13,52 479	14,03,942	....	37,703	4,87,589	89,193	59,108	20,86,323
1897-98	2,12,599	2,40,683	1,28,508	14,87,387	17,86,633	....	30,016	5,00,000	1,02,414	54,233	22,60,171
1898-99	2,10,360	2,67,582	1,09,078	14,13,617	16,52,174	....	28,606	5,01,613	1,16,776	55,201	24,81,239
1899-1900	1,91,613	2,22,850	1,17,084	16,01,898	20,33,641	....	66,534	5,00,000	1,11,930	84,397	23,63,289
1900-01	2,13 041	2,26,712	1,16,639	13,03,178	21,68,479	....	23,929	4,62,211	1,11,910	58,957	21,18,311
1901-02	2,13,747	2,43,004	1,21,722	15,71,457	20,07,005	....	56,465	5,00,612	1,15,513	87,000	24,30,575
1902-03	2,14,767	2,21,509	1,10,163	13,50,956	20,03,309	....	60 892	4,67,574	1,10,474	86,230	27,11,241
1903-04	2,34,063	2,35,433	1,24,119	15,43,791	18,79,274	....	57,897	5,00,761	1,32,388	54,023	28,18,104
1904-05	2,19,315	2,18,015	1,14,192	13,91,029	18,35,812	35,304	74,884	5,01,976	1,30,963	87,000	28,13,662
1905-06	2,63,803	2,24,550	1,22,745	13,94,843	19,91,160	19,163	73,776	5,01,000	1,43,430	87,000	29,83,971
1906-07	3,06,206	2,09,291	1,26,615	13,39,665	21 46,726	27,249	73,808	5,01,803	1,75,815	16,218	31,77,719
1907-08	2,93,554	2,66,409	1,63,574	21,17,200	*22,82,106	36,228	76,237	1,28,450	2,61,350	4,50,781	33,28,243
1908-09	2,71,046	2,73,084	1,51,497	22,93,212	24,24,062	29,416	65,638	....	2,76,495	4,61,515	33,99,247
1909-10	2,69,182	2,67,480	1,52,159	23,01,004	23,64,096	40,819	69,817	....	2,98,556	4,62,579	33,87,284
1910-11	2,83,038	2,85,146	1,74,990	14,76,959	21,03,517	31,063	84,276	....	6,17,124	4,61,436	34,07,569

* Combined with Controller's Office.

W. E. WAITE,
Chief Accountant.

No. 15 (A).

year 1865 to the year 1910-1911.

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock	Municipal Building Fund.	Road Improvement Fund.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	Five years' average annual Expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
....	....	5,10,240	....	....	....	....	1,17,241	49,10,233	1865	
....	....	82,039	....	....	....	....	1,21,787	38,01,982	1866	
....	....	2,70,345	....	....	....	....	1,46,613	42,16,146	1867	38,77,202
....	....	3,32,723	....	....	....	....	37,775	34,77,018	1868	
....	....	....	....	....	....	....	42,691	31,31,353	1869	
....	....	....	....	....	....	....	28,416	32,02,185	1870	
....	....	....	....	....	....	....	53,913	3[illegible],64,861	1871	
....	27,573	....	....	....	....	....	(c) 1,37,733	31,19,[illegible]8	1872	32,69,895
....	13,897	....	....	....	....	....	22,354	30,14,377	1[illegible]73	
....	14,473	....	....	....	....	....	46,645	29,30,650	1874	
....	16,281	....	....	....	....	....	(b) 1,13,511	32,43,927	1875	
....	21,435	....	....	....	....	....	47,026	31,01,433	1876	
....	20,221	....	....	....	....	....	55,251	30,21,575	1877	31,58,869
....	21,191	....	....	....	....	....	71,106	32,70,284	1878	
....	17,709	....	....	....	....	....	51,791	31,11,122	1879	
....	21,755	....	....	....	....	....	46,312	30,37,915	1880	
....	19,467	....	2,50,000	....	....	....	(c) 2,02,639	37,95,572	1881	
being changed to the financial year, the expenditure was :—										
....	29,919	....	50,000	10,000	....	....	28,710	47,53,632	1882-83	38,41,465
....	29,253	....	50,000	....	....	....	30,974	37,15,812	1883-84	
....	22,708	....	801	....	....	....	(d) 2,11,150	33,31,730	1884-85	
....	21,564	....	92,170	....	....	....	24,226	40,[illegible],[illegible]40	1885-86	
....	20,126	....	42,779	....	....	....	27,162	41,[illegible],365	1886-87	
....	21,123	....	50,291	....	....	....	32,430	34,12,690	1887-88	43,59,521
....	48,339	....	28,977	....	....	....	(e) 1,12,256	32,[illegible],256	1888-89	
....	64,133	....	24,429	....	3,000	....	28,353	30,[illegible],[illegible]5	1889-90	
....	57,505	....	28,937	....	3,112	....	1,55,517	36,91,161	1890-91	
....	77,023	....	27,805	....	3,274	....	2,07,780	37,[illegible],073	1891-92	
....	90,964	....	....	....	3,280	....	52,906	35,[illegible],[illegible]14	1892-93	42,69,972
....	(f)2,40,453	....	....	....	3,16,872	....	23,321	61,03, 24	1893-94	
....	93,759	....	....	....	41,060	....	28,435	43,23,[illegible]15	1894-95	
....	65,728	....	....	....	1,10,150	....	15,819	47,02,316	1895-96	
....	60,332	....	....	....	1,17,031	4,57,005	25,502	20,94,743	1896-97	
....	71,447	....	....	....	36,478	2,00,000	1,30,712	24,36,919	1897-98	71,87,147
....	71,910	....	....	....	37,475	—5,00,000 (g)	8,12,240 / 12,573	23,39,[illegible]36	1898-99	
....	73,250	....	....	....	25,316	— 43,694	22,285	73,95,480	1899-1900	
4,74,406	69,470	....	....	....	58,490	— 922	1,83,[illegible]24	35,[illegible],[illegible]54	1900-01	
4,81,000	57,685	....	....	....	55,239	....	38,085	42,[illegible],[illegible]18	1901-02	
5,00,000	58,574	....	....	....	46,136	....	78,194	34,53,[illegible]36	1902-03	34,57,124
3,40,000	47,423	....	....	....	33,005	....	56,006	34,31,[illegible]10	1903-04	
2,50,000	56,192	....	....	....	35,152	1,81,920	37,128	33,91,618	1904-05	
2,30,000	64,731	....	....	....	39,317	3,20,658 (h)	3,62,319	33,75,147	1905-06	
2,00,000	64,735	....	....	....	39,626	2,43,944	18,045	35,20,790	1906-07	
3,56,681	73,158	....	....	....	44,445	1,13,517	1,30,827	1,01,89,291	1907-08	1,02,32,242
4,50,000	92,925	....	....	....	47,643	2,13,358	57,942	1,46,30,121	1908-09	
7,80,000	98,964	....	....	....	1,21,917	2,00,915 (i)	3,63,173	1,23,97,460	1909-10	
8,35,000	91,210	....	....	....	49,473	1,87,224	1,31,799	1,12,81,872	1910-11	1,12,81,872

(a) Includes write-off for loss in stores of Rs. 1,45,232.
(b) Includes Rs. 50,000 for visit of H. R. H. the Prince of Wales.
(c) Includes special adjustment of Rs. 2,24,527 for re-arranging the different loan funds.
(d) Includes loss of Rs. 1,84,774 on the sale of the Panvel Brick Factory.
(e) Includes Rs. 65,048 by loss on sale of investments.
(f) Includes Rs. 1,94,[illegible] for land acquired.
(g) Write-off on account of fencing lands in Agripada.
(h) Includes contribution of Rs. 2,00,000 towards celebrating the visit of T. R. H. the Prince and Princess of Wales.
(i) Includes charge for [illegible] commutation and local allowance and the loss sustained in the sale of unserviceable stores written-off.

P. R. CADELL,
Municipal Commissioner.

Appendix No. 16.

CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1910-11.

YEAR.	Income.	Expenditure.	Difference.	
			More.	Less.
	Rs.	Rs.	Rs.	Rs.
1865	23,63,787	49,59,333	.....	25,95,546
1866	29,14,672	36,01,922	.....	6,87,250
1867	30,40,524	42,16,346	.....	11,75,822
1868	38,52,674	34,77,058	3,75,616	.....
1869	33,93,226	31,31,358	2,61,868	.....
1870	33,07,749	33,92,185	.....	84,436
1871	28,71,160	38,04,661	.....	9,33,501
1872	30,48,331	31,15,888	.....	67,557
1873	33,24,108	30,44,577	2,79,531	.....
1874	29,81,322	29,90,663	.....	9,341
1875	31,43,526	32,65,027	.....	1,21,501
1876	31,77,723	31,60,438	17,285	.....
1877	32,41,452	30,36,535	2,04,917	.....
1878	31,45,153	32,70,224	.....	1,25,071
1879	33,41,174	31,11,122	2,30,052	.....
1880	32,51,870	30,57,992	1,93,878	.....
1881	38,73,694	37,98,872	74,822	.....
From 1st January 1882 to 31st March 1883 (15 months).	46,12,240	47,53,632	.....	1,41,392
1883-1884	37,37,272	37,15,812	21,460	.....
1884-1885	42,13,868	38,81,020	3,32,848	.....
1885-1886	44,73,973	40,66,940	4,07,033	.....
1886-1887	49,01,814	41,76,362	7,25,452	.....
1887-1888	51,66,530	58,12,690	.....	6,46,160
1888-1889	49,66,193	52,01,258	.....	2,35,065
1889-1890	53,42,169	50,42,405	2,99,764	.....
1890-1891	61,65,901	56,84,861	4,81,040	.....
1891-1892	62,33,183	57,82,073	4,51,110	.....
1892-1893	66,72,943	65,45,512	1,27,431	.....
1893-1894	67,62,695	69,63,928	.....	2,01,233
1894-1895	65,39,372	63,73,486	1 65,886	.....
1895-1896	67,61,710	67,02,516	59,194	.....
1896-1897	62,08,978	70,04,743	.....	7,95,765
1897-1898	71,45,560	74,96,969	.....	3,51,409
1898-1899	71,61,911	73,39,026	.....	1,77,115
1899-1900	88,29,817	73,92,480	14,37,337	.....
1900-1901	84,02,848	85,84,058	.....	1,81,210
1901-1902	77,66,729	82,26,458	.....	4,59,729
1902-1903	81,75,688	84,53,398	.....	2,77,710
1903-1904	84,82,625	84,31,390	51,235	.....
1904-1905	93,36,111	85,91,618	7,44,493	.....
1905-1906	90,92,539	93,74,242	.....	2,81,703
1906-1907	96,48,501	95,20,790	1,27,711	.....
1907-1908	98,89,324	1,01,89,201	.....	2,99,877
1908-1909	1,02,86,048	1,06,30,126	.....	3,44,078
1909-1910	1,12,13,864	1,13,97,050	.....	1,83,186
1910-1911	1,21,96,149	1,12,81,872	9,14,277	.....

W. E. WAITE,
Chief Accountant.

P. R. CADELL,
Municipal Commissioner.

REVENUE.

Report on the working of the Assessment and Collection Department for the year 1910-1911 by B. D. Banaji Esquire, Assessor and Collector, forwarded with his No. 10126. dated 29th May 1911.

1. The total amount collected under all Heads, exclusive of Tolls, Miscellaneous Receipts and Fees, was Rs. 80,67,369-5-1 against the estimate of Rs. 79,11,380, a difference of Rs. 1,55,989-5-1, detailed as under :—

Taxes.	Estimate.	Actual collections including adjustments.	Increase.
	Rs.	Rs. a. p.	Rs. a. p.
General Tax...	45,91,000	46,56,987 8 2	65,987 8 2
Water Tax*	18,84,500	19,46,081 2 3	61,581 2 3
Halalkhor Tax	12,22,000	12,52,513 10 4	30,513 10 4
Wheel Tax (Private)...	2,10,880	2,08,787 0 4	—2,092 15 8
Total ...	79,11,380	80,67,369 5 1	1,55,989 5 1

* Exclusive of Meter Hire and receipts by the Water Engineer.

2. As compared with the total collections for 1909-10, *i. e.*, Rs. 73,66,179-6-5, the collections for 1910-11, *viz.*, 80,67,369-5-1 are more by Rs. 7,01,189-14-8.

3. On the 31st March 1911 the outstandings for property taxes, charges for water by meter, and Wheel Tax (private), were Rs. 1,15,338-13-5 against Rs. 1,14,201-10-10 on 31st March 1910, of which Rs. 49,099-4-7 have been collected or adjusted up to 25th May 1911, leaving at that date Rs. 66,239-8-10 for recovery for all previous years. Out of this sum Rs. 58,796-5-4 are in dispute on account of valuations, water supply by meter, etc., whilst Rs. 141-15-0 are irrecoverable.

4. Properties in the Assessment Book on 31st March 1911 were as under :—

Buildings	38,687
Saltpans	284
Lands (including Tanks, Wells, etc.)...	20,957
Total ...	59,928

Of this number 48,900 were assessed for the General Tax, 2,028 were exempted under Section 143 (1) (A) (B) of the Municipal Act, 7,550 were not charged the General Tax, being small plots of waste lands, houses marked "*Unfit for human habitation*," the assessments of which were temporarily reduced to a nominal value of Rs. 6 for which no bills were issued. The number of Municipal properties which are not assessed under Section 143 (1)(b) is 4,450.

5. The number of buildings newly erected, demolished and enlarged in 1910-11 was 952, 579 and 352 respectively.

6. The Assessments of Properties contrasted with those of 1909-10 were :—

A

Year.	Original Assessment (Gross).	Amount after disposal of complaints.		Amount of subsequent reduction during the year by demolition and on complaints.	Gross amount after deduction of subsequent reduction.	Subsequent enhancement (New buildings, enlargements and under Assessments) (Gross).	Total Gross Assessment.	Increase-Final difference over preceding year's gross Assessment.	Rateable Assessment.	Classification of Rateable Assessment.			
		No. of complaints against opening Assessment.	Gross Assessment.							Chargeable with General Tax.	Exempted from General Tax Section 143 (1) (a) (b).	For which no General Tax bills issued.	Total Rateable Assessment.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1909-10	4,85,20,049	5,913	4,84,78,523	7,49,462	4,77,29,061	17,15,926	4,94,44,987	25,69,221	4,45,13,209	4,23,43,116	21,54,769	15,324	4,45,13,209
1910-11	5,04,10,205	3,978	5,07,04,046	14,43,248	4,92,60,798	27,90,680	5,20,51,478	26,06,491	4,68,59,058	4,46,21,845	22,32,402	14,811	4,68,59,058

7. There were 3,298 complaints against assessments made from the 1st April and 680 complaints against assessments made during the currency of the year, making a total of 3,978 complaints against 5,013 complaints in 1909-10.

8. The following tables give the increases and decreases in property taxes levied as compared with those of 1909-10 :—

GENERAL TAX.

B.

1909-10.				1910-11.				
1½ per cent.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by Port Trustees under section 145 (3).	Total of Columns 1, 2 and 3.	10½ per cent.	Compounded sum payable by Government under section 144 (3).	Compounded sum payable by Port Trustees under section 145 (3).	Total of Columns 5, 6 and 7.	Increase (Difference between Columns 4 and 8.)
1	2	3	4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
16,43,723 3 3	1,23,274 0 0	2,48,383 0 0	60,22,380 3 3	62,57,127 10 0	(a)2,32,972 0 0	(b)2,10,565 0 0	47,43,064 10 0	7,18,414 6 3

N. B.—(a) The total amount paid by Government in the year 1910-11 is Rs. 1,49,057 according to the Award which expired on 31st March 1909 + Rs. 47,033-14-6 on account of increase in the valuation during the 5 years ended 31st March 1909, Rs. 53,915 due on account of the difference between the old and the new awards were not paid before the expiry of the year 1910-11.

(b) The total amount paid by the Port Trustees in the year 1910-11 is Rs. 2,74,665 as per award ended 31st March 1909 out of which Rs. 24,100 for 1910-11 and Rs. 21,549 for 1909-10 were refunded on account of the difference between the old and new awards.

The amount of General Tax on properties exempted from its payment under Section 143 (1) (a) (b) is Rs. 2,36,130-4-11 against Rs. 2,04,703-1-1 in 1909-10.

WATER TAX.

C.

1909-10.				1910-11.				Difference.			
On rateable value @ 3½ per cent.	Compounded.	On meter measurement	Total of columns 1, 2 & 3.	On rateable value @ 3½ per cent.	Compounded.	On meter measurement	Total of columns 5, 6 & 7.	On rateable value (Increase).	Compounded (Increase).	On meter measurement (Decrease).	Difference between columns 4 & 8 (Decrease)
1	2	3	4	5	6	7	8	9	10	11	12
Rs. a. p. 9,57,572 8 9	Rs. a. p. 9,180 7 1	Rs. a. p. 9,90,732 10 6	Rs. a. p. 19,57,485 10 4	Rs. a. p. 9,73,326 10 9	Rs. a. p. 9,565 11 2	Rs. a. p. 9,63,282 13 8	Rs. a. p. 19,46,175 3 7	Rs. a. p. 15,754 2 0	Rs. a. p. 385 4 1	Rs. a. p. 27,449 12 10	Rs. a. p. 11,310 6 9

Halalkhor Tax.

D.

1909-10.			1910-11.			Difference between columns 3 and 6 (Increase).
On rateable value at 3 per cent.	On special service.	Total of columns 1 & 2	On rateable value at 3 per cent.	On special service.	Total of columns 4 & 5	
1	2	3	4	5	6	7
Rs. a. p.	Rs. a. p.	Rs a p	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.
10,11,041 13 4	1,91,341 6 3	12,02,386 3 7	10,62,927 4 4	1,89,773 8 7	12,52,700 12 11	50,314 9 4

9. The total demand on account of property taxes amounted to Rs. 79,39,940-10-6 (including Government and Port Trust) to which is to be added Rs. 30,420-6-6 on account of previous years, making a total of Rs. 79,70,361-1-0 from which sum Rs. 47,089-5-7 were allowed as one-fifth Drawback of the General Tax under Section 158 (2) of the Act. The total number of claims for one-fifth Drawback was 8,408.

10. For these taxes 422 bills for Rs. 30,420-6-6 were issued for previous years, and for 1910-11, 80,980 bills for Rs. 74,09,314-4-11 (excluding Government and Port Trust for which no bills are issued, the amounts being paid direct into the Chief Accountant's Office), making a total of 81,402 bills for Rs. 74,39,734-11-5.

11. The outstanding balance for property taxes for all years on 31st March 1910 was Rs. 1,11,861-6-11. During 1910-11 bills for these taxes amounting to Rs. 74,39,734-11-5 were issued. Government and Port Trust contributions were Rs. 4,83,537 (Rs. 2,32,972 and Rs. 2,50 565). Thus the total demand amounted to Rs. 80,35,133-2-4.

12. Of this amount Rs. 77,92,442-6-3 were collected, *i.e.*, Rs. 92,865-11-9 for former years, and Rs. 76,99 576-10-6 for 1910-11, leaving uncollected the sum of Rs. 2,42,690-12-1. Deducting from this amount Rs. 77-10-4 written off under Standing Committee's Resolution No. 4601, dated 26th October 1910, Rs. 45,126-11-6 on account of bills recalled and cancelled and Rs. 83,915, difference between the old and new Awards not received from Government before 31st March 1911 for which no bills were issued, making a total of Rs. 1,29,119-5-10, the balance outstanding on 31st March 1911 was Rs. 1,13,571-6-3.

13. The outstandings on 31st March 1911 were Rs. 4,211-11-10 on account of former years and Rs. 1,09,359-10-5 for 1910-1911, making a total of Rs. 1,13,571-6-3.

14. *Tax on vehicles and animals.*—The demand on account of the tax on private vehicles and animals for the four quarters ending 31st December 1910 was Rs. 2,08,845-11-0 against Rs. 2,10,718-2-0 for 1909, to the first sum are to be added Rs. 2,340-3-11 outstanding on 31st March 1910, and amended demand aggregating Rs. 451-3-0 for former years, making a total of Rs. 2,11,637-1-11 for recovery. 18,263 bills were issued during 1910-11. The amount collected was Rs. 2,08,787-0-4 leaving Rs. 2,850-1-7 uncollected, of which Rs. 202-10-5 were written off under Standing Committee's Resolutions, Nos. 204, dated 13th April 1910, 1561, dated 8th June 1910, and 4601, dated 26th October 1910, and Rs. 880 were on bills recalled, amended bills being issued, making a total of Rs. 1,082-10-5 which deducted from Rs. 2,850-1-7, leaves Rs. 1,767-7-2 outstanding at the end of the year.

15. During the year there were taxed 4,406 four-wheeled vehicles (including 473 Motor cars), 1,129 two-wheeled vehicles, 924 vehicles not drawn by horses, 602 bicycles (including 11 motor cycles), 8 tricycles, 7,362 horses (including those in commission stables), 134 ponies, 1,410 bullocks, 1 mule and 4 buffaloes.

16. The following Table shows the total demands, collections and balances on account of property taxes and tax on private vehicles and animals :—

E

Year.	Amount to be collected.					Amount to be deducted.			Collections.	Outstanding Balance on 31st March 1911.
	Opening Outstanding Balance.	Increase in the valuation of Government properties during the 5 years ended 31st March 1910, Section 144 (2).	Amount of difference between the old and new awards which was paid by the Port Trustees in October 1910 and which was allowed as refund subsequently.	Demand assessed for the year and for former years.	Total.	Bills written off under Standing Committee's Resolutions and Bills recalled for amendments.	Amount of difference between the old and new awards which was not received from Government before 31st March 1911 and for which no bills are issued.	Total.		
1	2	3	4	5	6	7	8	9	10	11
1910-11.	Rs. a. p. 1,11,201 10 10	Rs. a. p. 42,039 14 6	Rs. a. p. 24,100 0 0	Rs. a. p. 81,32,568 9 5	Rs. a. p. 83,12,910 2 9	Rs. a. p. 46,287 0 3	Rs. a. p. 83,915 0 0	Rs. a. p. 1,30,202 0 3	Rs. a. p. 80,67,869 5 1	Rs. a. p. 1,15,338 13 5

17. The miscellaneous receipts for Notices, Warrants, Battaki Fees and other small items amounted to Rs. 5,751-5-9 against Rs. 5,505-7-7 in 1909-10. The receipts for Meter Hire were Rs. 28,348 against Rs. 28,093-4-0 in 1909-10.

18. Certificates of refund of taxes for 1910-1911 and for former years were issued as under :—

	Rs.	a.	p.
General Tax	38,863	2	10
Water Tax	13,906	1	4
Halalkhor Tax	19,111	5	6
Wheel Tax	177	11	0
Meter Hire	189	1	4
Notice Fees	4	0	0
Total ...	67,281	5	0

19. There were 7 appeals to the Chief Judge of the Small Causes Court, of which 4 were settled out of the Court and withdrawn by the appellants, 1 was dismissed with cost and 2 are pending.

20. The right of collecting the Toll at the Mahim and Sion Causeways was sold in 1910-1911 for Rs. 21,200 (from 1st August 1910 to 31st July 1911) against Rs. 19,100 in 1909-1910. The total income in 1910-1911 under this head was Rs. 20,500 against Rs. 20,066-10-8 in 1909-1910.

B. D. BANAJI,

Assessor and Collector.

No. 1421 of 1911-1912.

Bombay Municipality, 19*th June* 1911.

From

SORABJI BOMANJI MASTER, Esq.,

Revenue and Refund Audit Officer,

To

P. R. CADELL, Esq., I.C.S.,

Municipal Commissioner for the City of Bombay.

Sir,

I have the honour to submit the Annual Administration Report of the Revenue and Refund Audit Department for the official year 1910-1911.

1.—REVENUE AUDIT.

1.—Assessor and Collector's Department.

(a) Ward Office.

2. The balances and books of the 80 Ward-clerks in the seven Wards of the City were duly examined at the end of each quarter. The amount of audit work done on each of these occasions is shown in detail in Appendix **A**.

3. 37,019 bills for Rs. 26,24,282-0-4 were duly checked in detail with the Ward Office Bill Book, Form 16, (every entry *in* which was subjected to scrutiny) and in totals which were themselves tested with the book kept under para. 9 at page 155 of the Manual which is practically the Ward-clerk's ledger. They were also checked with the Head Office Accounts (Forms 8 and 9) both in details and in totals, respectively.

(b) Head Office.

4. The Assessment Book in both its parts, one for the general tax and the other for the water and halalkhor taxes, was duly examined, and the exemptions from the payment of the general tax, the water tax and the halalkhor tax were duly checked with a view to ascertain that no property liable to pay any or all of these taxes had escaped assessment.

5. The vehicle and Animal Tax Book, kept under Section 186 of the Act, was also examined, and all the entries therein checked with the quarterly return of the Ward Superintendents, where necessary, also with the owner's returns under Section 187, and with the charges made for the preceding quarters. Appendix **B** gives the details for each Ward.

6. As the year recognized by the Bombay Act VI of 1863 is the calendar year, the revenue from the tax on public land conveyances licensed by the Commissioner of Police under the Act, was also audited for the twelve months from 1st January to 31st December 1910, the certificates of issue of licenses supplied by that officer under arrangements made with him having been duly checked with the Register kept by the Chief Accountant. The following table shows the work done :—

Description of Public Land Conveyances.	Number of certificates or vouchers.	Amount of Revenue including Fees for Licenses, Badges, &c.
		Rs. a. p.
Victorias	4,296	1,04,570 15 0
Riding Hackeries	139	1,906 8 0
Labour Carts	11,546	1,51,593 0 0
Hand Carts	26	175 0 0
Total ...	16,007	2,58,245 7 0

7. The right of collecting the toll, leviable under Section 190 of the Act, on vehicles entering the City from Salsette, is farmed every year for twelve months on the 1st of August, and in pursuance of the conditions of sale, the toll farmer concerned during the year of report supplied a monthly statement of the number of vehicles on which the toll was levied. The statement was checked with the counterfoils of ticket books and with the toll register, kept by the toll farmer in the prescribed form at the respective chowkies on the Sion and Mahim Causeways. Owing to the change in the Contractor, it was not possible to arrange for the audit of the accounts for the month of July during which Rs. 382-14-0 was the toll levied on 3,063 carts at Sion and Rs. 420-12-0 on 3,366 carts at Mahim. The work done is shown in the following table :—

Month.	At Sion.		At Mahim.		Total.	
	No. of Carts.	Amount.	No. of Carts.	Amount.	No. of Carts.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
March 1940	7,320	915 0 0	8,870	1,108 12 0	16,190	2,023 12 0
April ,, ...	7,082	885 4 0	8,880	1,110 0 0	15,962	1,995 4 0
May ,, ...	7,660	957 8 0	9,667	1,208 6 0	17,327	2,165 14 0
June ,, ...	4,710	588 12 0	5,829	728 16 0	10,539	1,317 6 0
August ,, ...	7,392	924 0 0	3,750	468 12 0	11,142	1,392 12 0
September ,, ...	12,912	1,614 0 0	5,683	710 6 0	18,595	2,324 6 0
October ,, ...	12,064	1,508 4 0	6,191	773 12 0	18,257	2,282 2 0
November ,, ...	6,630	828 12 0	7,092	886 8 0	13,722	1,715 4 0
December ,, ...	6,283	785 6 0	8,209	1,026 2 0	14,492	1,811 8 0
January 1941	7,967	995 14 0	8,357	1,044 10 0	16,324	2,040 8 0
February ,, ...	5,478	684 12 0	7,508	938 8 0	12,986	1,623 4 0
Total ...	85,500	10,687 8 0	80,036	10,004 8 0	165,536	20,692 0 0

8. Appendix **C** shows the number of claims to one-fifth drawback under Section 158 (2) of the Act, which were scrutinized by this office during 1940-1941.

9. All the alterations in the rateable value and in demand made through the increase and decrease forms were duly checked with the Tabulated Ward Reports (Form 13), which contained your orders as to such alterations and with your separate sanctions recorded in the Audit Note Book kept in this office.

10. The number of complaints against valuations under Section 163 of the Act heard by me was : 349 A Ward-Fort and Colaba, 670 C Ward-Bhuleshwar, 254 F Ward-Parel. The total number of decisions on complaints against amendments under Section 167 of the Act, which were scrutinized by this office amounted to 526 from all the seven Wards of the City.

11. Forty-five irrecovorable bills for Rs. 339-3-11, as per details given in the subjoined table, were scrutinzed and submitted to you in the prescribed form for action under Section 216 of the Act.

Ward.	Number of Bills.	Amount.		
		Property taxes.	Tax on vehicles and animals.	Process fees.	Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	16	23 10 0	112 0 0	.....	135 10 0
B	4	.....	43 3 2	0 8 0	43 11 2
C	1	.....	11 0 0	.....	11 0 0
D	1	.....	14 0 0	.....	14 0 0
E	19	57 15 6	56 7 3	2 8 0	116 14 9
F	.....	.....	.....	.....	.....
G	4	.....	18 0 0	.....	18 0 0
Total ...	45	81 9 6	254 10 5	3 0 0	339 3 11

The Standing Committee sanctioned these being written off in their Resolutions Nos. 204, 1561, 4601 and 126, dated 13th April 1910, 8th June 1910, 26th October 1910, and 5th April 1911, respectively.

12. The demands, collections and balances at the close of the year, as duly audited in the manner contemplated by the Manual, are summarized below :—

	The General tax.	The Water tax.	The Halsikher tax.	The Vehicle and Animal tax.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Total demands including Rs. 4,65,761-14-6 paid by Government and Port Trust in lieu of the General tax	50,39,854 15 1	21,00,217 15 6	13,65,874 6 2	2,13,469 10 11	87,55,655 1 2
II.—Deduct bills recalled which were either cancelled or for which amended bills were issued.	3,16,130 11 7	1,26,767 8 0	90,813 12 3	2,701 9 0	5,36,413 9 8
III.—Net demand for collection.	47,23,724 3 6	19,73,450 7 6	12,75,060 9 6	2,10,768 1 11	77,17,241 7 11
IV.—(a) Collection paid into the Treasury including departmental adjustments.	46,59,987 8 2	19,46,081 2 3	12,52,513 10 4	2,08,787 6 4	80,67,369 5 1
(b) Irrecoverable bills written off.	27 2 0	17 0 3	45 7 3	213 10 5	295 3 11
(c) Balance at the close of the year.	63,709 9 4	27,368 5 0	22,503 7 11	1,767 7 2	1,15,338 13 5
Total of IV ...	47,23,724 3 6	19,73,450 7 6	12,75,060 9 6	2,10,768 1 11	81,83,003 6 5

13. The collections were checked with the totals of the Chief Accountant under each head and the balances by an examination of the bills actually on hand in the several ward offices on 1st April 1911. They were found to be correct.

Engineer's Department.

14. The revenue books kept in the General, Streets and Buildings, Water Works and Drainage Branches of the Executive Engineer's Office were duly checked each month with the permits, receipts, vouchers and other papers supporting the several entries therein, the object of audit being to see that the charges were correctly calculated at rates duly sanctioned and that the collections as shown by the various books were all paid into the Municipal Treasury. The number of vouchers examined was 9,673, representing Rs. 2,33,038-4-4.

Health Department.

15. The revenue books kept in the Health Office, as well as those kept in the Seven Deputy Health Officers' Offices from A to G wards, were duly checked each month with the receipts, vouchers and other papers supporting the entries therein, the object of audit being to ascertain that the amounts collected as shown by the various books were at the rates fixed under due authority, and that they were all paid into the Municipal Treasury. The number of vouchers examined was 22,721, representing Rs. 97,881-7-1.

Vaccination Department.

16. The revenue books kept in the office of the Superintendent of Vaccination were duly checked each month since July 1910 in accordance with your No. 15378 of 26th August 1910 with the receipts and vouchers and other papers (available) supporting the several entries therein, the object of audit being to see that the charges were correctly calculated at rates duly sanctioned, and that the collections as shown by the various books were all paid into the Municipal Treasury. The number of vouchers examined was 603, representing Rs. 4,089.

Licensing Department.

17. The number of licenses for 1910-1911, the issue of which was sanctioned by the Commissioner under Sections 394 and 393 of the Act, for the several purposes mentioned in Schedule M (*vide* Appendix **G** to the Annual Report for 1899 and 1900) was 7,550 and brought in a revenue of Rs. 88,455-8-0. Each of these cases passed through this office and was duly scrutinized, particularly with reference to the amount of fee leviable. The Register of the Superintendent of Licenses and the counterfoils of the several books were also checked with the Audit Note Books kept in this office in accordance with Commissioner's No. 3176 of the 20th May 1890 and with the counterfoils of the receipts given by the Chief Accountant's Cashier for the purpose of seeing that the full amount of fee leviable in each case was collected and paid into the Municipal Treasury.

Markets and Slaughter Houses.

18. The Register and accounts kept for the different markets and Bandra Slaughter Houses were duly checked with the counterfoils of receipts issued to stall holders, &c., and with the other vouchers available. The total number of vouchers examined was 7,593, representing Rs. 8,69,783-10-5, which amount appeared duly paid into the Municipal Treasury.

Victoria Gardens.

19. The revenue books kept in the office of the Superintendent of Gardens were duly checked with the counterfoils of receipts issued for the sale of garden produce as well as with the counterfoils of tickets issued for the Elephant and Camel rides in the Victoria Gardens and for admission to the Victoria Gardens on the occasion of Band performances. The fees for admission to the Victoria Gardens on Band days were brought into force from 12th October last. The number of vouchers examined was 31,643, representing Rs. 9,092-7-3, which amount appeared duly paid into the Municipal Treasury.

Rent bills against the Telephone and Tramway Companies.

20. The audit in connection with these bills, which hitherto used to be made by the Chief Accountant, is done in this office since 1906-1907.

General.

21. As the monthly or quarterly audit of the several Departments proceeded, the errors, irregularities, or omissions, which were discovered in the course of it, were brought to the notice of the Heads of Departments concerned by means of official communications addressed to them through the Commissioner.

II.—REFUND AUDIT.

I. Assessment Department.

22. The subjoined table shows the number and amount of claims to refund on account of vacancy under Sections 174 to 179 of the Act and on account of overcollections which were scrutinized and sanctioned by this office in the year under report :—

Ward.	No. of claims.	Amount of Refund sanctioned.
		Rs. a. p.
A. Fort and Colaba	330	15,860 12 4
B. Mandvi	177	3,979 14 6
C. Bhuleshwar...	300	5,512 0 2
D. Girgaum	247	9,408 14 10
E. Byculla	241	4,353 13 9
F. Parel	141	4,829 6 9
G. Mahim	115	3,479 12 2
Properties owned by the City Improvement Trust	1,507	17,060 8 6
Total ...	3,058	64,485 3 9

23. The sum of Rs. 64,485-3-0 shown in the above table, was sanctioned under the following Heads of Revenue :—

Heads of Revenue.	Amount.
	Rs. a. p.
General Tax	33,832 7 6
Water Tax	14,001 10 2
Hailkhor Tax	16,317 7 8
Vehicle and Animal Tax	177 11 0
Meter Hire	153 14 8
Notice Fee	2 0 0
Total ...	64,485 3 0

Town Duty Refunds.

24. As the Port Trustees and the two Railway Companies sent in no Administration Reports of the Town Dues collected by them on behalf of the Municipality, it is usual for this office to submit the two statements, Appendices D and E, compiled, in so far as the gross collections are concerned, from figures supplied by the Chief Accountant. The following table compares the total results for the year under report with those for the previous year :—

Years.	Gross Revenue.	Total Refunds.	Net Revenue.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1909-1910	29,29,530 10 8	15,66,411 4 0	13,63,119 6 8
1910-1911	34,49,545 8 0	18,57,376 1 0	15,92,169 7 0

25. The rates of duty on grain and flour in the year under report were annas 6 and annas 4½ per candy, respectively, having been enhanced from annas 4 and annas 3 respectively as in the previous year. Duty was also re-imposed on firewood at the rate of 2 annas per candy.

26. The above alterations in the rates have mainly contributed to the substantial increase of Rs. 2,29,050 in the net revenue. There have, no doubt, also been rises and falls in the imports and exports of all the articles, but, except in the case of sugar, these are too small to need notice. The imports of sugar were considerably heavier than in the year previous, resulting in an advance of Rs. 1,73,112 in the gross collections, but the exports were also correspondingly heavy, leaving nevertheless a surplus of Rs. 7,921 over the previous year's figure of net revenue. In that year there had already been a heavy increase of Rs. 76,998 over the year preceding it, and as this in itself was rather unusual, it was anticipated in the last Annual Report that there would be a falling off in the year now under report. The actual result, on the contrary, shows a still further slight advance. This only heightens the probability that the falling off, so long deferred, might occur in the current year with rather intensified effect.

27. The number of refund claims dealt with during the year was 55,161 against 48,254 in the previous year. This substantial rise has thrown a considerable strain upon this office, which it has with difficulty tried to meet so far, but the position is every day growing more difficult and the need for relief more urgent. Proposals to this end have therefore been incorporated with those lately submitted for extra establishment for working the marking scheme, &c.

Conclusion.

28. In addition to the above, the office had to deal with correspondence of all departments affecting revenue which passes through this office, and with the questions of principle relating to revenue, the importance of which can scarcely be judged by the number of inward and outward references which were respectively 8,616 and 5,889 in the year under report.

I have the honour to be,

Sir,

Your most obedient Servant,

S. B. MASTER,

Revenue and Refund Audit Officer.

Appendix A.

5·STATEMENT of Balances examined quarterly during 1910-1911.

Number of Ward Clerks.	WARD.	Balances examined on 1st April 1910.		Balances examined on 1st July 1910.		Balances examined on 1st October 1910.		Balances examined on 4th January 1911.		Total Balances examined during the year.	
		Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
16	A—Fort and Colaba	1,316	77,257 8 6	5,166	5,31,329 13 1	2,036	1,10,704 8 0	6,631	5,17,472 4 11	15,149	12,36,764 2 6
11	B—Mandvi	154	6,702 13 11	2,343	2,62,289 7 3	225	14,035 11 8	2,555	3,03,159 4 10	5,277	5,86,187 5 8
14	C—Bhuleshwar	169	8,368 9 11	1,766	1,42,873 7 0	175	8,987 8 10	1,463	1,20,268 2 6	3,573	2,80,497 12 3
11	D—Girgaum	216	11,074 5 9	2,117	1,08,369 5 8	289	10,986 15 7	1,110	83,967 14 10	3,732	2,14,398 9 10
13	E—Byculla	220	7,902 0 1	1,472	84,613 7 7	299	9,048 14 11	1,037	73,838 7 7	3,028	1,75,402 14 2
7	F—Parel	123	2,259 9 5	1,173	30,201 7 8	358	4,792 7 4	978	26,680 15 0	2,632	63,934 7 5
8	G—Mahim	195	1,241 3 3	1,840	37,9[illegible] 9	199	3,029 10 4	1,394	24,903 0 2	3,628	67,096 12 6
	Total ...	2,393	1,14,800 2 10	15,877	11,97,599 15 0	3,581	1,61,585 12 8	15,168	11,50,290 1 10	37,019	26,24,282 0 4

Appendix B.

STATEMENT of entries in the Vehicle and Animal Tax Books checked during 1910-1911.

Ward.	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
A	1,047	1,153	1,219	1,344	4,763
B	640	690	722	760	2,812
C	911	958	1,017	1,068	3,954
D	1,256	1,325	1,420	1,522	5,523
E	792	851	903	983	3,529
F	266	300	324	367	1,257
G	260	280	298	328	1,166
Total ...	5,172	5,557	5,903	6,372	23,004

Appendix C.

STATEMENT of 1/5 drawback scrutinized during 1910-1911.

Ward.	1st Half 1910-1911.		2nd Half 1910-1911		Total.	
	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.	No. of claims received.	No. of claims admitted.
A	686	319	723	275	1,409	594
B	550	158	493	174	1,043	332
C	862	198	811	278	1,673	476
D	468	148	401	176	869	324
E	1,024	416	944	453	1,968	869
F	335	160	322	172	657	332
G	441	216	412	225	853	441
Total ...	4,366	1,615	4,106	1,753	8,472	3,368

Appendix D.

STATEMENT contrasting the Collections, Refunds, and Net Revenue from Town Duties for the Years 1909-1910 and 1910-1911.

COLLECTIONS.						REFUNDS.								NET REVENUE.			
						1909—1910.			1910—1911.								
1909-1910.		1910-1911.		Increase in 1910-1911.	Decrease in 1910-1911.	On account of Exports.	On account of articles supplied to Government.	Total.	On account of Exports.	On account of articles supplied to Government.	Total.	Increase in 1910-1911.	Decrease in 1910-1911.	1909-1910.	1910-1911.	Increase in 1910-1911.	Decrease in 1910-1911.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
6 718 13 9		....				2,63,503 15 0			29,314 0 0								
....		8,32,756 8 8				....			3,39,957 9 0								
	8,35,718 13 9		8,32,756 8 8	2,37,037 8 11			2,63,503 15 0	....		3,79,271 9 0	....	1,13,764 10 0	....				
979 9 0		....				16,147 0 0			2,430 15 0								
....		954 8 0				....			24,546 14 0								
	979 9 0		954 8 0	74 15 0	....		16,147 0 0	....		26,977 15 0	....	10,830 15 0	....				
	16,13,909 12 3		17,89,922 8 8	1,76,012 12 5	....		11,76,993 11 0	....		13,43,198 1 0	....	1,66,204 6 0	....	4,36,916 1 3	4,46,837 7 8	7,921 6 5	....
	2,61,342 13 5		2,61,553 13 3	210 13 7	....		24,144 11 0	....		23,338 8 0	....	....	806 3 0	2,37,198 4 5	2,38,215 5 0	1,017 0 7	....
	37,919 13 7		37,186 12 0	....	733 1 7		25,108 1 0	....		25,892 13 0	....	784 12 0	....	12,811 12 7	11,293 13 0	....	1,517 13 7
	2,71,708 11 10		3,01,971 5 2	10,262 9 4	....		26,328 13 0	....		27,252 8 0	....	784 11 0	....	2,45,179 14 10	2,74,887 13 2	9,907 14 4	....
	2,06,550 12 10		1,85,851 11 5	....	20,699 1 5		31,962 1 0	....		32,930 13 0	....	844 12 0	....	1,74,588 11 10	1,53,324 14 5	....	21,243 13 5
	....		70,348 5 1	70,348 5 1	....		....	....		....	....	....	....	....	70,348 5 1	70,348 5 1	....
				3,41,047 0 4	21,433 3 0							2,81,671 0 0	806 3 0			2,81,411 11 4	22,361 11 3
				21,033 3 0								806 3 0				21,361 11 0	
	29,32,530 10 8		34,48,543 8 0	5,20,014 13 4			15,66,411 4 0	....		18,87,376 1 0	....	2,90,964 13 0	....	13,63,119 6 8	15,93,169 7 0	2,29,050 0 4	

Appendix E.

STATEMENT containing the Imports, Exports and Balance of the several articles subject to Town Duty during the year 1910-1911 with those for 1909-1910.

NAME OF ARTICLE.	IMPORTS.						DUTIES AND DRAWBACKS OF CUSTOMS AND EXCISE.								BALANCE (LOCAL CONSUMPTION AND STOCK).			
	1909-1910.		1910-1911.		Increase in 1910-1911.	Decrease in 1910-1911.	1909-1910.			1910-1911.			Increase in 1910-1911.	Decrease in 1910-1911.	1909-1910.	1910-1911.	Increase in 1910-1911.	Decrease in 1910-1911.
							Customs.	Excise.	Total.	Customs.	Excise.	Total.						
Spirits at above 10 per Gallon	31,40,571						11,15,977			3,97,319								
Do. do. 8 do.										6,16,316								
Total Gallons		31,40,571																
Wines at above 7 per Gallon	4,571						36,757			21,913					2,75,580	3,63,375	38,794	
Do. do. 45 do.			3,580		3,580					87,272								
Total Gallons		4,571		3,580		991												
Sugar at above 8 per Cwt.		24,74,810		24,78,810														
Wheat and Spirits as above																		
Beer at 1 per Barrel																		
Tobacco at above 10 per Pound																		
Currants at 15 per cent. ad Valorem																		
Spices and so called in this Facility																		

PUBLIC WORKS.

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D.—Drainage Ordinary Works	.....	,,	160 to 162
E.—Water Works (including the work done by the Special Officer and his staff)	.....	,,	163 to 172
F.—Regulation of Streets and Buildings	.....	,,	173 to 178
G.—Roads, Footpaths, &c.	.....	,,	179 to 181
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K.—Fire Brigade	.....	,,	199 to 202
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M.—Victoria and Albert Museum	.....	,,	213 to 215

Note.—The report on Public Works—**A** to **J**—is by B. H. Hewett, Esq., A.M.I.C.E., Executive Engineer, Municipality, forwarded with his letter No. G-4581, dated the 3rd June 1911.

The report on Fire Brigade—**K**—is by W. Nicholls, Esq., Chief Officer of the Fire Brigade, forwarded with his letter No. 270, dated the 5th May 1911.

The report on Gardens—**L**—is by C. D. Mahalaxmiwalla, Esq., Superintendent of Municipal Gardens, forwarded with his letter No. 522, dated the 24th May 1911.

The report on Victoria and Albert Museum—**M**—by Cecil L. Burns Esq., the Curator and Secretary, forwarded with his letter No. 57, dated the 12th May 1911.

No. G-4581 of 1911-12.

Executive Engineer's Office,

Bombay, *3rd June* 1911.

To

The Municipal Commissioner

for the City of Bombay.

Sir,

I have the honour to forward herewith the Administration Report of the Department under my control for the year 1910-11 as requested in your No. 620, dated the 10th April 1911.

2. The report is divided under the following heads :—

	Paras.
A.—Introductory Remarks	3 to 17
B.—New Works, &c., General	18 to 67
C.—Drainage Loan Works	68 to 108
D.—Drainage Ordinary Works	109 to 132
E.—Water Works (including the work done by the Special Officer and his staff)	133 to 179
F.—Regulations of Streets and Buildings	180 to 192
G.—Roads, Footpaths, &c.	193 to 224
H.—Public Lighting	225 to 234
I.—Workshops, Steam Meat Van Service and Pumping, Compressor and Ejector Stations	235 to 286
J.—General important subjects reported upon Bills, Notices and Correspondence, Summary of Clerical Work, Plague Operations and Municipal Servants' Act	287 to 297

A.

INTRODUCTORY REMARKS.

ESTABLISHMENT.

3. MR. JOSEPH HALL, M.I.C.E., M.I. MECH. E., &c., held the post of the Executive Engineer from the 1st April to 19th November 1910. He retired from the 20th November 1910 in accordance with the Corporation's Resolution No. 5018, dated the 14th November 1910. Under the same Resolution I was appointed as temporary Executive Engineer pending the appointment of a permanent incumbent to the post and I continued in the appointment upto the close of the year.

4. The Corporation under their Resolution No. 7738, dated the 16th March 1911, appointed MR. JAMES W. MACKISON, B. SC., A.M.I.C.E., as Executive Engineer, Bombay Municipality, and he is expected to assume charge of his appointment early in June 1911.

5. MR. HALL and myself were assisted by the following Officers in conducting the duties of the different Branches of this Department :—

6. MR. NICHOLAS MAUGHAN, A.M.I.C.E., assisted by MESSRS. DINSHA DADABHAI DARUWALA, L.C.E., A.M.I.C.E., and FRAMJI JAMSEDJI BILIA, L.C.E., A.M.I.C.E., Assistant Engineers, Drainage, was in charge of the Drainage Branch.

7. MR. NASARVANJI D. BHADA, L.C.E., A.M.I.C.E., was in charge of the Water Works Branch upto the 4th September 1910. He retired from the 5th September 1910 and MR. H. J. TRIVESS SMITH, A.M.I.C.E., M.I.M.E., who was appointed as Water Engineer under the Corporation's Resolution No. 3096, dated the 11th August 1910, assumed charge of his post from that date.

8. MR. W. A. NIVEN was appointed to act as Assistant Engineer, Water Works, from the 1st May 1910 and he continued to hold that appointment upto the end of the year.

9. From the 1st April to the 19th November 1910 I was in charge of the Mechanical Branch and supervised the working, repairs and maintenance of the Love Grove Pumping Station and the Air Compressor Stations at Love Grove and Colaba, the Ejector Stations and the Municipal Workshops, Electric Light Installations, &c.

10. From the 20th November 1910 to 31st March 1911 MR. T. A. E. THOMPSON, 1st Engineer, Love Grove Pumping and Compressor Stations, held the post of Acting Engineer in charge Mechanical Branch.

11. MR. KAIKHUSHRU PESTONJI BHEDWAR, L.C.E., Assistant Engineer, General Branch, assisted by MR. AMRITLAL VITHALDAS THACKER, L.C.E., Road Superintendent, was in charge of the Road Branch. MR. BHEDWAR assisted MR. HALL and myself in the supervision of new works in the General Branch of this Department.

12. MR. AMRITLAL V. THACKER, Road Superintendent, was granted three months' privilege leave from the 1st March 1911 and MR. JAMSHEDJI JIJIBHAI PASTAKIA has been appointed to act for him.

13. MESSRS. NOWROJI HORMASJI KATRAK, L.C.E., A.M.I.C.E., HARI PHIKAJI BHANDARE, L.C.E., MUNCHERJI EDULJI JOSHI, L.C.E., and NASARWANJI DINSHAW MISTRI, L.C.E., Divisional Superintendents, assisted MR. HALL and myself in matters connected with the administration of the Building Sections of the Municipal Act and Bye-laws.

14. MR. N. D. MISTRY was reduced to the grade of Building Inspector from the 23rd December 1910 under orders contained in the Municipal Commissioner's No. 25189, dated the 22nd December 1910, for his failure to detect an unauthorized addition to a building and MR. ATMARAM BHASKER VAIDYA, L.C.E., was appointed to act in his place from the same date.

15. MR. HARI BHIKAJI BHANDARE was allowed to retire on Pension from the 24th January 1911 and Mr. JAYME REBEIRO, L.C.E., has been appointed to act in his place.

16. MR. MANGALRAO RAMJI MHATRE continued to hold the post of Architectural Surveyor and supervised the preparation of plans and estimates and superintended the construction of new buildings and the maintenance of existing buildings during the year. He also assisted the Department in the execution of works carried out by the General Branch in connection with the erection of temporary Health Camps and other measures for the suppression of Plague.

17. MR. MHATRE was on two months' privilege leave from the 17th October 1910 and MR. NOWROJI NASARWANJI DUBASH acted as Architectural Surveyor during that period.

B

NEW WORKS, &c.

18. Subjoined is a list of new works each costing over Rs. 3,000.

19. They are divided into two classes as follows :—

(1) Works sanctioned, but not undertaken at the close of the year, and

(2) Works in progress at the close of the year.

LIST OF NEW WORKS EACH COSTING OVER Rs. 3,000.

Consecutive Number.	Description of work.	Sanctioned grant.	Expenditure up to the end of March 1911.	Remarks.
	WORKS SANCTIONED, BUT NOT UNDERTAKEN AT THE CLOSE OF THE YEAR.	Rs. a. p.	Rs. a. p.	
	Buildings and Sanitary Structures.			
1	Construction of stables and chals for B Ward at Jail Road.	1,92,300 0 0	5,085 14 8	Tenders were under consideration.
2	Construction of stables and chals for D Ward bullocks and bigaris.	1,20,568 2 7	1,456 8 1	Site not settled.
3	Construction of chals for bigaris at Arthur Road.	1,20,384 0 0	.....	Tenders were about to be invited.
4	Construction of a stable for E Ward, West, at Kamathipura.	75,000 0 0	1,504 0 0	Do. do.
5	Construction of chals for Halalkhors at Tardeo Flats.	86,400 0 0	695 9 10	Commissioner's orders were awaited as regards the substitution of a tiled roof for the chals in lieu of one of corrugated iron sheets as originally proposed.
6	Construction of a stable for bullocks at Mahim.	10,000 0 0	.....	Site not settled.
7	New Market at Chaupati ...	17,000 0 0	63 0 0	Site not acquired.
8	Construction of a New Municipal Workshop at Foras Road.	1,50,000 0 0	6,878 12 8	Tenders were about to be invited.
9	Construction of a Fire Brigade Station at Elphinstone Bridge Road.	69,930 0 0	154 5 0	Commissioner's sanction to entrust the work to Messrs. Fazulbhai Deoraj & Co. was awaited.
10	Construction of two additional chals for bigaris at Chembur	18,448 0 0	28 11 10	Tenders were about to be invited.

New Works, &c.—(*Continued.*)

Consecutive Number.	Description of work.	Sanctioned grant.	Expenditure up to the end of March 1911.	Remarks.
	WORKS SANCTIONED BUT NOT UNDERTAKEN AT CLOSE OF THE YEAR—*contd.*	Rs. a. p.	Rs. a. p.	
	Buildings and Sanitary Structures—contd.			
11	Construction of latrines and urinals at the junction of Khara Tank and Agiari Lane.	9,564 2 0	.....	Tenders were about to be invited.
12	Construction of bathing places at the junction of Khara Tank and Agiari Lane.	6,842 5 7	.....	Do. do.
	Drainage.			
13	Cutting out rocky barriers in the channel at Love Grove.	16,914 0 0	116 0 6	Work kept in abeyance as Messrs. Ali Mahomed & Co. to whom it was proposed to entrust it were unwilling to undertake it.
	Water Works.			
14	9" and 10" pipes from Grant Road to Kamathipura.	13,000 0 0	.....	Work kept in abeyance pending completion of more urgent work in hand.
15	Replacing the Vehar main for the whole distance between Coorla and Vehar.	6,96,500 0 0	.....	Tenders were about to be invited.
16	Extending the 9" main laid along the bank of the drainage channels across the proposed Foras Road from the Century Mill to join the existing 9" main at Wadi.	5,778 0 0	.....	The work was to be shortly commenced.
17	Laying a 12" main in place of the 6" main in Fergusson Road.	12,600 0 0	.....	Do. do.
18	Construction of quarters for the Water Works Branch at Babula Tank.	21,264 0 0	.....	Work kept in abeyance pending the re-organization of the Water Works Branch.
19	Replacing the 3" pipe on Arthur Road by a 6" one, and extending it so as to join the 6" main in Kalachauki Road.	3,406 0 0	.....	Work to be carried out after the subway, through which the main is to be laid, is extended by the G. I. P. Railway.
20	Construction of a culvert over Tansa main at Arthur Road level-crossing.	12,492 0 0	.....	Work is to be carried out by the G. I. P. Railway.

New Works, &c.—(*Continued*).

Consecutive Number.	Description of Work.	Sanctioned grant.	Expenditure up to the end of March 1911.	Probable date of completion.
		Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE CLOSE OF THE YEAR.			
	Buildings and Sanitary Structures.			
21	Construction of a bullock hospital for 200 animals with residential quarters for Inspector and Shalotri at Sankli Tank.	1,54,177 2 1	21,181 14 9	9th May 1912.
22	Market at Kamathipura	45,971 4 0	36,073 12 5	31st March 1911.
23	Providing latrines and urinals in various parts of the City.	62,163 0 0	53,996 11 10	28th February 1911.
24	Construction of 25 bathing places in the City.	35,379 0 0	8,783 2 9	31st October 1911.
25	Construction of buildings for Primary Schools.	5,00,000 0 0	1,68,356 1 7	9th February 1912.
26	Construction of new pattern latrines and urinals in place of old pattern ones in different parts of the City.	19,969 0 0	378 8 7	19th April 1911.
	Roads and Overbridges.			
27	Overbridge at Elphinstone Road, B. B. and C. I. P. Railways.	3,57,762 0 0	2,14,143 8 1	29th February 1912.
28	Overbridge at Arthur Road, G. I. P. Railway.	2,58,474 0 0	1,88,036 4 5	Do.
29	Overbridge at Carrey Road, G. I. P. Railway.	7,16,568 0 0	3,22,299 2 1	Do.
30	Overbridge at Clerk Road, G. I. P. Railway.	3,34,201 0 0	3,27,860 3 2	Do.
31	Overbridge at Clerk Road, B. B. & C. I. Railway.	3,03,000 0 0	.....	Do.
32	Overbridge at DeLisle Road, B. B. & C. I. Railway.	10,30,000 0 0	32,289 0 6	Do.
33	Widening of Cruickshank Road and improvement of the corner of Cruickshank and Esplanade Roads.	43,832 0 0	26,624 13 3	Do.

New Works, &c.—(*Continued*).

Consecutive Number.	Description of Work.	Sanctioned grant.	Expenditure up to the end of March 1911.	Probable date of completion.
		Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE CLOSE OF THE YEAR.—*contd.*			
	Roads and Overbridges—contd.			
34	Construction of a road from Mount Road through Rose Cottage Lane to Matharpakhadi.	26,805 0 0	.....	29th February 1912.
	Drainage.			
35	Completion of house drainage connections in different parts of the City.	8,69,179 6 9	6,93,043 15 3	Do.
36	Giving street connections to storm-water drains in the City.	12,895 9 3	9,167 0 2	Do.
37	Construction of permanent manholes over drains.	37,304 0 0	36,257 8 7	Do.
38	Construction of sealed sewage main from Elphinstone Road Ejector Station to the head of the gravitating sewer at Worli Road.	90,361 0 0	50,072 8 6	21st March 1911.
39	Provision of ejectors in the Colaba Sub-Districts.	99,265 0 0	74,818 12 6	29th February 1912.
40	Measures for relieving the surcharging of sewers.	10,00,000 0 0	4,90,239 11 7	22nd January 1912.
41	Construction of a storm-water drain from the junction of Reay and Connaught Roads to the harbour near Lakri Bunder.	6,23,473 0 0	1,46,882 0 0	12th June 1912.
42	Laying the foundation of the new engine-house at Love Grove including foundations for the engines.	2,22,658 0 0	170 0 0	31st March 1912.
43	Making and fixing two storm-water sluices, removing cast-iron flaps, rebuilding the masonry wall with cut-stone pillars for fixing two penstocks at the outlet of the storm-water drain in Tardeo Road at the Hornby Vellard.	4,222 0 0	2,636 14 2	30th June 1911.
44	Connecting road watering stand posts and tanks with the Municipal sewers.	8,000 0 0	6,252 1 5	29th February 1912.
45	Opening and examining the 9" pipe sewer in Colaba Road and replacing it by cast-iron pipes.	36,200 0 0	28,683 12 10	Do.

New Works, &c.—(*Concld*).

Consecutive Number.	Description of Work.	Sanctioned grant.	Expenditure up to the end of March 1911.	Probable date of completion.
		Rs. a. p.	Rs. a. p.	
	WORKS IN PROGRESS AT THE CLOSE OF THE YEAR—(*continued*).			
	Water Works.			
46	Extending the 6" water main from the gate of the Sewri Cemetery to the Bulk Oil Depôt.	6,020 0 0	4,221 11 4	30th April 1911.
47	Distributing mains in Tardeo and Gamdevi Roads.	9,870 0 0	6,793 13 6	30th October 1910.
48	Removing and replacing the 32" Vehar main, South of Coorla.	6,84,934 0 0	5,86,926 3 2	31st December 1911.
49	Renewal of water mains in the Girgaum District for the improvement of water supply.	69,583 0 0	11,736 5 6	31st July 1911.
50	Replacing the 32" Vehar main for 1½ miles by 48" main.	3,25,000 0 0	2,70,240 2 2	31st March 1911.
51	Laying water mains in A Ward.	2,10,223 0 0	84,389 15 3	31st December 1911.
52	Laying water mains in B Ward.	1,84,072 3 11	1,21,121 8 7	Do.
53	Laying a 6" siding main in Cawasji Patel Tank Road.	7,170 0 0	2,696 0 11	31st May 1911.
54	Fixing Deacon's meters on the distributing mains.	23,500 0 0	8,503 9 10	31st December 1911.
55	Replacing the existing 3" main in Bapu Khote Street, by a 5" main.	6,923 0 0	1,821 14 1	30th April 1911.
56	Replacing the existing 3" main by a 5" main in Panaswadi.	6,904 0 0	104 6 0	Do.
57	Repairing Bhandarwada Reservoir to make it watertight.	1,00,106 5 0	98,534 5 9	30th September 1911.
58	Filtering materials and labour for Malabar Hill Reservoir.	3,500 0 0	996 4 3	31st December 1911.
59	Replacing the existing 3" main in Cawasji Patel Street by a 9" main.	7,500 0 0	2,817 1 10	30th April 1911.
	Cemeteries (Burning and Burial grounds).			
60	Extension of the Sewri Cemetery.	41,924 0 0	11,592 9 3	31st May 1914.

NEW WORKS.

20. The following works which have been referred to in the last year's Administration Report were completed at the total costs noted against each :—

	Rs.	a.	p.
Paving and enclosing dust-bin stands in the City sanctioned in the Budget for the year 1909-10	4,275	7	7
Removing and reconstructing bird and animal shops in the compound of the Arthur Crawford Markets	13,495	2	10
Removing the existing milch cattle stables and constructing Bigaris' chals on the site at Cochin Street	56,554	5	6
Constructing A. Ward Offices for different Branches of the Executive Engineer's Department at Mint Road	19,984	3	6
Constructing offices for the Head Plumber and Drainage staff and quarters for the Drainage staff at Babula Tank	35,003	15	5
Construction of two Nurses' quarters with cookrooms at the Arthur Road Hospital	7,286	4	5
Constructing offices, quarters, stores room, &c., for the Street and Building and Water Works Branches at DeLisle Road on the site of the Foras Tank ...	38,565	8	1
Reconstruction of a Fire Brigade Station at Bhuleshwar	18,079	15	2
Construction of new quarters for the Inspector, Kurla Deonar Railway Works at Kurla	9,463	0	2
Construction of a refuse loading platform and metalled road in the compound of the old Gun Carriage Factory at Colaba	5,539	5	8
Constructing an Office and Record Room at the Chinchpokli Central Stores ...	11,831	9	3

Schools for Primary Education.

21. The school buildings (1) at the junction of Kumbharwada and Sandhurst Road and (2) at Old Nagpada Memonwada Road referred to in the last year's Administration Report were practically completed during the year, but the accounts in respect thereof were not finally adjusted.

22. The certified expenditure on the works upto the 31st March 1911 amounted to Rs. 91,965-1-11 and Rs. 28,175-12-7, respectively.

23. Tenders for the school at the junction of Sankli Street and Morland Road referred to in the last year's Administration Report were invited, and the tender of Messrs. Fazalbhai Deoraj and Company, being the lowest of four received, was accepted by the Standing Committee under their Resolution No. 2740 of 27th July 1910. Orders to commence the work were issued to the contractors on the 8th November 1910, and the work was in progress at the close of the year.

24. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 22,968-12-6.

25. Detailed plans and estimates for the schools (1) at Ardeshir Dady Street, (2) at Kazi Sayed Street and (3) at Worli were prepared and submitted to the Municipal Commissioner for approval during the year.

Constructing bathing places in the City.

26. The sites for the bathing places which were under consideration at the close of the last year having been selected by the Executive Health Officer and approved by the Municipal Commissioner, arrangements were being made at the close of the year for the invitation of tenders for constructing seven additional bathing places out of the grant of Rs. 35,739 sanctioned under the Corporation's Resolution No. 1734 of 20th June 1907.

Constructing Offices for F. & G. Wards Assessment Department at Elphinstone Road.

27. This work, which is referred to in the last year's Administration Report, was almost completed, but Mr. Damji Hemchand, the contractor for the work having failed to remedy some minor defects therein the Annual Repairs and Petty Works contractors were instructed to remedy the defects at Mr. Damji's risk and expense, and this was being done at the close of the year.

28. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 10,083-0-5.

Constructing shops on the Southern and Western frontages of the Arthur Crawford Markets.

29. A proposal for (*a*) constructing a stock shed abutting on the Western footpath of the Crawford Market and (*b*) restoring and renewing the cast-iron fencing on the south side, in lieu of the work of constructing shops on the southern and western frontages which has been suspended, was submitted to the Municipal Commissioner, and it was under consideration at the close of the year.

Construction of a market at Kamatipura.

30. This work was sanctioned under the Corporation's Resolution No. 446 of 21st April 1910.

31. The tender of Messrs. Abdulali Karimbhai & Co., being the lowest of the 8 tenders received for the work, was accepted by the Standing Committee under their Resolution No. 4585 of 26th October 1910. Orders to commence the work were issued to the contractors on the 1st December 1910 and the same was in progress at the close of the year.

32. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 39,452-7-11.

Making certain additions to the three permanent Wards at the Arthur Road Hospital.

33. A grant of Rs. 20,268 was sanctioned in the Budget for 1910-11 for alterations in the three permanent Wards at the abovementioned Hospital, and a further sum of Rs. 3,176 was sanctioned in the same Budget for gas and other lighting arrangements in the Hospital.

34. The tender of Messrs. Ramji Keshavji & Co., being the lowest of the five tenders received for the first work, was accepted by the Standing Committee under their Resolution No. 2053 of 29th June 1910. Orders to commence the work were issued to the contractors on the 1st September 1910 and the work was completed at the close of the year.

35. The certified expenditure passed upto 31st March 1911 amounted to Rs. 17,956-13-5.

36. The second work was entrusted to the Bombay Gas Company and carried out by them at a total cost of Rs. 3,122-2-0.

Constructing a compound wall, additional bathing places and paving the yard at the Halalkhors chawls at Valpakhadi.

37. This work having been sanctioned in the Budget for 1910-11 tenders were invited and the tender of Messrs. Abdulali Karimbhai & Co., being the lowest of five received, was accepted by the Standing Committee under their Resolution No. 1866 of 22nd June 1910. Orders to commence the work were issued on the 1st October 1910 and the work was completed at the close of the year.

38. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 3,854-9-4.

Removing and reconstructing the Cattle Inspection shed at the Bandra Slaughter Houses.

39. This work having been sanctioned under the Corporation's Resolution No. 2314 of 7th July 1910 tenders were invited, and the tender of Messrs. Jetha Trikum & Co., being the lowest of four received, was accepted by the Municipal Commissioner under his No. 20037 of 19th October 1910. Orders to commence the work were issued to the contractors on 15th November 1910 and the work was completed at the close of the year.

40. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 3,897-10-7.

Rebuilding a portion of the boundary wall of the Roman Catholic Cemetery at Dharavi.

41. A grant of Rs. 4,361 was sanctioned for the work under the Corporation's Resolution No. 4102 of 3rd October 1910. The tender of Messrs. B. G. Laxumon & Co., being the lowest of the five tenders received for the work, was accepted by the Municipal Commissioner under his No. 25198 of 22nd December 1910. Orders to commence the work were issued to the contractors on the 1st February 1911 and the work was completed at the close of the year.

42. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 2,927-2-1.

Filling in a portion of the Haines Road Cemetery.

43. A grant of Rs. 3,050 having been sanctioned for this work in the Budget for 1910-11 tenders were invited and the tender of Messrs. S. J. Desai & Co., being the lowest of four received, was accepted by the Municipal Commissioner under his No. 20375 of 21st October 1910. Orders to commence the work were issued to the Contractors on the 16th November 1910 and the same was completed at a total cost of Rs. 2,404-12-2.

Construction of a game birds cage in the Victoria Gardens.

44. The Municipal Commissioner having (under his No. 5105 of the 19th May 1910) sanctioned a grant of Rs. 3,922 for this work out of the balance or Rs. 4,930 available from the grant for 1909-10 for the improvement of the Zoological portion of the gardens, tenders were invited and the tender of Messrs. Fazalbhai Deoraj & Co., being the lowest of four received, was accepted by the Commissioner under his No. 19510 of 14th July 1910. Orders to commence the work were issued to the Contractors on the 1st October 1910 and it was completed by them at a total cost of Rs. 3,984-4-4.

Filling in the low level ground at the New Portuguese Cemetery at Haines Road.

45. A grant of Rs. 9,373 having been sanctioned for this work under the Commissioner's No. 36495 of 11th February 1910 tenders were invited and the tender of Messrs. Abdul Karim & Co., being the lowest of four received, was accepted by the Standing Committee under their Resolution No. 1402 of 1st June 1910. Orders to commence the work were issued to the Contractors on the 1st October 1910 and the same was completed at a total cost of Rs. 8,119-13-0.

Construction of Stables, Dispensary Office, Store-room and Quarters for Shalotri and Veterinary Inspector at Sankli Tank Street.

46. A grant of Rs. 1,35,827 having been sanctioned for the work under the Corporation's Resolution No. 1190 of 23rd May 1910 tenders were invited and the tender of Messrs. Ramji Keshavji & Co., being the lowest of nine received, was accepted by the Standing Committee under their Resolution No. 5944 of 30th December 1910. Orders to commence the work were issued to the Contractors on the 16th March 1911 and the same was in progress at the close of the year.

47. The certified expenditure on the work upto the 31st March 1911 amounted to Rs. 3,503-11-2.

Filling in the Babula Tank.

48. In addition to the grant of Rs. 37,000 which was sanctioned for the work as stated in the last Administration Report a further grant of Rs. 30,000 was voted by the Corporation under their Resolution No. 6185, dated the 7th January 1909.

49. The work was commenced departmentally on the 27th March 1908. The total area to be reclaimed was 14,300 square yards. The area reclaimed by means of the debris of demolished houses in Scheme No. 3, obtained from the City Improvement Trust and the expenditure incurred on the work up to the end of the year 1909-1910 amounted respectively to 9,600 square yards and Rs. 56,272-7-10.

50. The demolition of houses in Scheme No. 3, having ceased, no debris was available from the City Improvement Trust in the year 1910-11. The filling in of the tank was, therefore, continued partly with road scrapings and metal screenings and partly with debris of demolished houses and excavated materials brought to the site of the work by private parties at their own expense.

51. The further area reclaimed and the expenditure incurred during the year was about 2,700 square yards and Rs. 510-9-0 respectively.

52. The certified expenditure on the work including the amount spent in the previous year amounted to Rs. 56,783-0-10 at the close of the year.

Extension of the Sewri Cemetery.

53. This work, which is referred to in the last Administration Report, was completed by Messrs. Virji Teju & Co. on the 30th April 1909.

54. The total expenditure on the work amounted to Rs. 16,241-7-11.

55. A further grant of Rs. 41,924, having been sanctioned for the extension of the Sewri Cemetery on the North-East side, the land required for the purpose was purchased at a

cost of Rs. 11,240-8-7. The land being low lying, tenders for the work of filling it in with earth excavated from the new terraces were invited and Messrs. Teju Kaya & Co.'s tender, being the lowest of the five tenders received, was accepted as per Standing Committee's Resolution, No. 7218, dated the 22nd February 1911.

56. The work was commenced by the Contractors on the 1st March 1911 and was in progress at the close of the year.

Constructing a compound wall, &c., for the burial ground for Mahomedans at Antop Hill, Matunga.

57. This work, which is referred to in the last Administration Report, was completed by Messrs. Virji Teju & Co. on the 31st January 1910.

58. The total expenditure on the work amounted to Rs. 21,206-9-2.

Disposal of Town Sweepings in the City, Kurla-Deonar Railway Works.

59. About 1,000 old pine wood sleepers were removed and replaced on the main line by new half-round teakwood sleepers during the year.

60. No additional area was reclaimed during the year as the kutchra, which was deposited along the bund and the siding during the last year for a length of about 1½ mile having been burnt out by fire, the same area was refilled with the kutchra available during the year. The total area reclaimed therefore remained the same as last year, *viz.*, 136 acres.

61. This fire occurred on both sides of the Railway line from mileage 3 from Kurla Station to mileage 4½ or up to sluice No. 3. No damage was done to the Railway line or to any Municipal property.

62. The undermentioned four accidents occurred to the kutchra train during the year :—

(1) On the 4th May 1910 a passenger train ran into the kutchra train at Agarwadi between Matunga and Sion stations of the G. I. P. Railway and damaged or destroyed 10 Municipal wagons.

(2) On the 1st July 1910 an engine having derailed on the trap points at Tardeo siding the morning train could not be run.

(3) On the 5th August 1910 a deaf woman trespassing on the Municipal line was run over and killed by the kutchra train near the Tansa main.

(4) On the 29th October 1910 there was a slight collision between the loaded and unloaded train at Deonar loop siding. This happened owing to a mistake of the G. I. P. Railway Pointsman. The collision resulted in damage to one B. B. & C. I. truck and two Municipal trucks.

63. Engine detention charges at Rs. 5 per hour per trip were paid almost throughout the year, as the temporary siding was too long to allow of the shunting operations being completed within the stipulated time of 30 minutes.

64. Plague broke out amongst the unloading staff at Chembur during February 1911 and six of the cases proved fatal. The staff was at once removed to a camp which was erected in the locality and the chals having been thoroughly disinfected with pesterine there were no further cases. The death-rate, including the fatal plague cases, was 24 per mile during the year. The Sub-Registrar, F Ward, visited the camp thrice a week and prescribed medicines to the sick which were supplied to them at Municipal expense.

65. The maintenance of the school at Deonar was continued by the Mission for the depressed classes and the attendance at the school was fairly good during the year.

66. On the 1st October 1910 the unloading bigaries struck work with the object of securing higher wages, but after persuasion they resumed work after 24 hours. Six leaders of the strike were dismissed.

67. Owing firstly to the strike and secondly to the outbreak of plague there were many desertions from the staff, and great difficulty was experienced for some time in getting through the work. Mr. N. B. Oka, the Inspector in charge, deserves great credit for meeting these difficulties which did not result in any very serious detention of the wagons. The establishment was still short of its full strength at the close of the year and the deficiencies had to be made good by overtime work at extra rates.

C

Drainage Loan Works.

FERGUSSON ROAD AND CHINCHPOKLI SEWERAGE WORKS.

68. The Contractors, Messrs. Deoram Keshavji & Co., having at last Agreed to receive payments according to the Municipal certified measurements, the balance due to them was paid during the year.

MALABAR HILL SECTIONAL SEWERAGE WORKS.

Sub-District No. I.

69. No damage of any kind was done either to the Sea Walls or to the Biological Installation during the last rains.

Sub-Districts Nos. II and III.

70. More houses were connected to the sewerage system during the year, though there are some premises yet remaining to be connected. Notices have already been served on the owners of these premises and work in some of them is in hand.

71. The total certified expenditure on the whole of the Malabar Hill Sectional Sewerage Works upto the end of the year amounted to Rs. 6,47,436-7-0.

CUTTING OUT ROCKY BARRIERS IN THE CHANNEL AT LOVE GROVE.

72. This work is still held in abeyance, and it is possible that it may be rendered unnecessary owing to the recent developments regarding the disposal of the surface water from the low lands. The question as to whether the storm water that now discharges through the Love Grove Sluices into this Channel cannot be diverted into the Low Level Channel No. I. and thence discharged into the sea through the Worli Sluices, aided by a suitable Pumping Plant at the latter place during heavy rain is now engaging attention. If this diversion is carried out, the Love Grove Sluices can be subsequently abolished and the Love Grove Channel filled in.

ADDITIONAL PIPE SEWER IN DeLISLE ROAD, NORTH, AND AN EXTRA EJECTOR STATION AT THE DeLISLE ROAD LEVEL-CROSSING.

73. The laying of the additional pipe sewer, as anticipated in the last report, was completed before the beginning of the last rains, and the new sewer and the new Ejector Station were brought into use soon after, and have been since working satisfactorily.

74. The total expenditure upto the end of the year amounted to Rs. 78,071-10-9.

LARGER EJECTORS IN THE COLABA SUB-DISTRICTS Nos. III, IV & V.

75. It was anticipated in the last report that the work of the New Ejector Station at Sub-District No. III would be completed before the end of the last fair season. This anticipation was not realized, for though the excavation was completed and a greater part of the machinery installed, the latter work could not be finished before the beginning of the rains, and owing to the treacherous nature of the ground, all excavations had to be temporarily closed up in June in an incomplete state. After the rains the work was resumed, and this Ejector Station with all the necessary accessories has now been completed and is working satisfactorily.

76. The excavation for the larger Ejector Station No. IV was also carried down to almost the full depth by the end of the year.

77. The work of opening up the old Ejector Station No. III and removal of the Ejectors and other machinery was also in progress at the end of the year.

78. The total certified expenditure upto the end of the year amounted to Rs. 74,818-12-6.

STORM WATER DRAIN IN QUEEN'S ROAD FROM WODEHOUSE ROAD BRIDGE TO THE BANDSTAND.

79. As anticipated in the last report the work was completed within the Contract time, namely, 30th April 1910.

80. The total certified expenditure upto the end of the year amounted to Rs. 10,859-3-8.

NEW EJECTOR STATION, DIVERSION OF THE SEALED SEWAGE MAIN AND PIPE SEWERS, AND NEW PIPE SEWER AND STORM-WATER DRAINS IN CONNECTION WITH THE NEW ELPHINSTONE ROAD OVER-BRIDGE.

81. All the storm-water drains were completed by the 14th May 1910.

82. During the year the new sewers were also completed and the tubbing and the Ejectors were installed and the whole of the work at the Ejector Station was practically completed, though the new Ejectors had not been brought into actual use at the end of the year. The diversion of the sealed sewage main was abandoned, as a new sealed sewage main, hereinafter referred to, has been laid from the new Ejector Station direct to the head of the gravitating sewer in Worli Road.

83. The total certified expenditure upto the end of the year amounted to Rs. 1,16,884-11-5.

SURFACE DRAINAGE OF HIGH LANDS.

Storm-Water Drain in Reay Road from Connaught Road to the Lakri Bunder.

84. Tenders for this work which is referred to in the last report were invited and made returnable on the 2nd September 1910. Three tenders were received, of which that of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co., amounting to Rs. 5 81,373-9-3 being the lowest, was accepted by the Standing Committee under their Resolution No. 3871, dated 23rd September 1910. The work was commenced on the 13th October 1910, and the date for its completion has been fixed at 12th June 1912. The work has been commenced from the Lakri Bunder Outfall upwards and has progressed in a very satisfactory manner, and it is expected that the portion of the drain from the Outfall at Lakri Bunder to Reay Road will be finished before the end of the fair season.

85. The total expenditure upto the end of the year amounted to Rs. 1,46,682.

SEALED SEWAGE MAIN FROM ELPHINSTONE ROAD TO WORLI ROAD.

86. As the sewage gravitating into the Ejector Station at the junction of Elphinstone Road and Carroll Road was discharged into the head of the DeLisle Road sewer which gravitated to the Ejector Station at the DeLisle Road Level-Crossing and was there again lifted by the Ejectors at that place into the sealed sewage main discharging into the head of the Worli Road gravitating sewer, a scheme was placed before the Corporation for laying a sealed sewage main directly from the Ejector Station at Elphinstone Road to the head of the gravitating sewer in Worli Road, the main running along Carroll Road, Tulsi Pipe Road and a part of Fergusson Road. This work was sanctioned by the Corporation under their Resolution No. 3161, dated 15th August 1910. Tenders for the work were invited and made returnable on the 6th October 1910. Six tenders were received, of which that of Messrs. Sayaji Nagnji & Co., amounting to Rs. 75,733-13-7 being the lowest, was accepted by the Standing Committee under their Resolution No. 4465, dated 19th October 1910. The work was commenced on the 21st November 1910, and at the end of the year the whole of the main had been laid except two short lengths at the junction of Tulsi Pipe Road and Fergusson Road and at the Junction of Tulsi Pipe Road and Carroll Road. It is expected that the whole of the sealed sewage main will be completed and brought into use before the end of April 1911.

87. The total expenditure upto the end of the year amounted to Rs. 50,072-8-0.

MEASURES FOR RELIEVING THE SURCHARGING OF SEWERS.

Condensing Tank and Chimney.

88. The work on the construction of the Condensing Tank was finished at the beginning of October 1910. This new tank was then brought into use and the old tank, in the corner of which the new Chimney was to be constructed, was then thrown temporarily out of use. The excavation for the Chimney was subsequently taken in hand and the construction proceeded satisfactorily and was nearly completed at the close of the year.

89. The certified expenditure upto the end of the year amounted to Rs. 74,631-4-6.

DREDGING AND SCREENING CHAMBERS AT LOVE GROVE.

90. Tenders for this work were invited and were made returnable on the 14th November 1910. Four tenders were received, of which that of Messrs. Teju Kaya & Co., amounting to Rs. 2,83,486-9-5 being the lowest, was accepted by the Standing Committee under their Resolution No. 5373, dated 30th November 1910. The work was commenced on the 22nd December 1910, and has been carried on in a satisfactory manner. The Contract date for the completion of the work is the 22nd January 1912.

91. The certified expenditure upto the end of the year amounted to Rs. 44,836-3-1.

FOUNDATIONS OF THE NEW ENGINE HOUSE AT LOVE GROVE.

92. Tenders for this work were invited and made returnable on the 13th February 1911. Four tenders were received, of which that of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co., was the lowest, while that of Messrs. Teju Kaya & Co. amounting to Rs. 2,07,029-14-2 was the next lowest. As Messrs. Teju & Co., had secured the contract for the Dredging and Screening Chambers at Love Grove and the work of the Foundations of the New Engine-house was in very close proximity to the former work, and as the difference between the above two tenders was only about Rs. 1,100, the Standing Committee under their Resolution No. 7315, dated 1st March 1911, on the recommendation of the Commissioner, accepted the tender of Messrs. Teju Kaya & Co. which was reduced to Rs. 2,05,862-6-7 so as to bring it on a level with the tender of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co. The work was commenced on the 31st March 1911, and the Contract date for its completion is 31st March 1912. The work is being carried on satisfactorily.

EXTENSION OF THE LOW LEVEL CHANNEL NO. II FROM DELISLE ROAD TO DADAR ROAD.

93. During the year several pieces of land through which the Channel was constructed under the powers reserved to the Commissioner under Section 222 of the Municipal Act, were purchased by the Municipality. There are still a number of plots which have not yet been actually acquired by the Municipality, but negotiations are going on in this matter with the several owners.

94. The total expenditure on the work upto the end of the year amounted to Rs. 2,26,945-7-3.

STORM-WATER DRAIN AND SEWER IN A NEW ROAD IN CAVEL.

95. Tenders for this work were invited and made returnable on the 21st February 1910. Three tenders were received, of which that of Messrs. Abdulalli Karimbhai & Co., amounting to Rs. 8,002-7-10, being the lowest, was accepted by the Standing Committee under their Resolution No. 7432, dated 10th March 1910. The work was commenced on the 28th April 1910, and completed on the 6th June 1910, or nearly half a month earlier than the contract period.

96. The total expenditure upto the end of the year amounted to Rs. 7,393-2-6.

STORM-WATER DRAIN IN DELISLE ROAD, SOUTH OF ARTHUR ROAD.

97. Tenders for this work were invited and made returnable on the 22nd March 1910. Four tenders were received, of which that of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co., amounting to Rs. 27,651-6-9 being the lowest, was accepted by the Standing Committee under their Resolution No. 77, dated 6th April 1910. The work was commenced on 25th April 1910, and completed on the 4th June 1910, or nearly a month earlier than the Contract date for the completion of the work.

98. The total expenditure on the work up to the end of the year amounted to Rs. 29,417-2-5.

STORM-WATER DRAIN IN ELPHINSTONE ROAD, WEST.

99. Tenders for this work were invited and made returnable on the 22nd March 1910. Four tenders were received of which that of Messrs. Dhondiba Hanmantrao Alli Mahomed & Co., amounting to Rs. 13,814-5-7 being the lowest, was accepted by the Standing Committee under their Resolution No. 78, dated 6th April 1910. The work was commenced on the 25th April 1910, and completed on the 28th May 1910, or a month earlier than the date fixed in the Contract for the completion of the work.

100. The certified expenditure on this work upto the end of the year amounted to Rs. 12,771-5-2.

STORM-WATER DRAIN IN MUGHBHAT LANE.

101. Tenders for this work were invited and made returnable on the 21st April 1910, and only one tender was received, namely, that of Messrs. Abdulalli Karimbhai & Co., amounting to Rs. 9,069-1-7, and it was accepted by the Standing Committee under their Resolution No. 896, dated 11th May 1910. The tender having been accepted so late in the fair season, it was not thought advisable to commence the work until after the rains. The work was therefore, commenced on the 20th October 1910 and completed on the 22nd December 1910. The contractors were nearly half a month beyond their contract period, but this was due to causes beyond their control, as electric cables interfered with the work and had to be diverted.

102. The total expenditure upto the end of the year amounted to Rs. 8,012-14-3.

LAYING 4" AIR MAIN IN VICTORIA EXTENSION ROAD FROM THE JUNCTION OF VICTORIA ROAD TO THE EJECTOR STATION No. II, MAZAGAON.

103. This work was necessitated owing to the old 3½" air main being found too small for the proper working of the ejectors, and it was sanctioned by the Corporation under their Resolution No. 6772, dated 14th February 1910. It was carried out departmentally and was commenced on the 16th May 1910 and completed on the 27th October 1910. The laying of the larger main has resulted in a great improvement in the working of the Ejector Station.

104. The certified expenditure upto the end of the year amounted to Rs. 4,406-12-2.

STORM-WATER DRAIN IN GHORUPDEO ROAD.

105. Tenders for this work were invited and made returnable on the 14th September 1910. Five tenders were received, of which that of Messrs. Teju Kaya & Co., amounting to Rs. 19,196-8-3 being the lowest, was accepted by the Standing Committee under their Resolution No. 3996, dated 28th September 1910. The work was commenced on the 13th October 1910 and completed on the 24th November 1910, or 18 days earlier than the date fixed in the contract for the completion of the work.

106. The certified expenditure upto the end of the year amounted to Rs. 17,354-2-3.

STORM-WATER DRAIN AND PIPE SEWER IN CURREY ROAD AND IN DELISLE ROAD IN CONNECTION WITH THE OVERBRIDGE AT THE CURREY ROAD LEVEL-CROSSING.

107. Tenders for this work were invited and made returnable on the 3rd April 1911, but no tender was received. Under the circumstances it is proposed to re-invite tenders at the beginning of September next, so as to permit of the work being put in hand early next fair season.

DIVERSION OF THE 9" PIPE SEWER IN REAY ROAD.

108. In order to construct the large Storm-Water Drain in Reay Road, in connection with the drainage of high lands, it was found necessary to divert the 9" pipe sewer from the west side of Reay Road to the east side of the Road. Quotations for this work were invited and made returnable on the 16th February 1911, but no quotations were received. Subsequently Messrs. Abdulalli Karimbhai & Co., offered to do the work at 10 per cent. below the office estimated rates, and their offer was accepted by the Standing Committee under their Resolution No. 7316, dated 1st March 1911. The work was commenced on the 23rd March 1911, and is progressing fairly satisfactorily.

D

DRAINAGE ORDINARY WORKS.

HOUSE DRAINAGE CONNECTIONS.

109. The street portion of the house drainage connection work in the City was carried out departmentally during the year, and 338 connections were made at a total cost of Rs. 15,331-10-10.

110. In addition to these, 80 storm-water connections were made at a cost of Rs. 2,132-2-7.

111. With reference to the enquiry made in paragraph 31 of the Standing Committee's review of the Administration Report for 1909-10, it may be stated that the work of street connection will continue as long as new houses are being built, and the provision for the work will therefore have to be made from year to year. The street connections referred to in the preceding para. relate to (1) new buildings, (2) alterations to existing buildings, and (3) premises in the newly sewered Districts.

112. Several 6 ins. branch drains were laid for bringing certain undrained premises within 100 feet of the Municipal sewers, as required by Section 231 of the Municipal Act. About 75 estimates and 1,200 plans were prepared for Notices under Sections 230, 231, 232 and 232A of the Municipal Act.

113. Action was taken under Section 231 of the Municipal Amendment Act, calling upon the owners of the properties comprised in the Malabar Hill sewered district to connect their premises with the new sewers. Of the 96 Notices served 78 were complied with during the year, and in the remaining 18 cases the works were in progress.

114. The work of remodelling the groups or blocks of buildings draining into common house gullies, referred to in the last Administration Report, was continued departmentally, and the following house gullies were remodelled during the year out of funds voted for the purpose, the expense being subsequently recovered from the houseowners as provided under Section 232A of the Municipal Act:—

Serial No.	Job No.	Particulars and situation of General House Gullies.	Estimated Cost.	Actual Cost.	Remarks.
			Rs. a. p.	Rs. a. p.	
1	43A	General house gully between Undria Street, Huzira Street, Temker Street Cross Lane and Grant Road	4,904 0 0	2,794 8 7	
2	44A	General house gully between 1st and 2nd Bhoiwada Street	2,328 0 0	2,141 15 11	
3	49A	General house gully between Kalachowki Road and Parel Road	1,176 0 0	1,136 9 3	
4	54A	General house gully between Parel Road and Banian Street	836 0 0	833 3 9	
5	62A	General house gully between Abdul Rehman Street and Dhunji Street, &c.	1,798 0 0	1,774 6 9	
6	66A	General house gully between Duncan Road, Bhandari Street and 1st and 2nd Bhandari Street Cross Lane	1,733 0 0	1,725 14 3	
7	67A	General house gully between Jambli Street and Old Bengalpura Street, &c.	1,138 0 0	1,063 7 3	
8	68A	General house gully between Shaik Memon Street and Abdul Rehman Street	3,138 0 0	2,362 12 0	
9	72A	General house gully between Old Nagpada Cross Lane, &c....	692 0 0	530 7 10	
10	76A	General house gully between Kazi Street and Ghogari Moholla	852 0 0	582 0 3	

115. The alterations to the latrine at No. 127, Sarang Street, to make it flush syphonically with the waste water from the mahanis were on trial found to be unsatisfactory, the same getting blocked with silt which prevented the latrine from working satisfactorily for any length of time.

116. Two of the Municipal house gullies in Kamatipura were as an experiment provided with pent roofs over the open drains and the connections between the open drains and the inspection chambers with the view of preventing rubbish thrown from the windows of premises abutting thereon from falling into the drains. The experiment has so far proved a success.

PROVISION OF MANHOLES AND INSPECTION CHAMBERS OVER STORM-WATER DRAINS.

117. From the grant provided for the purpose 103 manhole frames and covers were provided, *viz.*, 45 along Girgaum Road, 40 on Belasis Road, 7 on Custom House Road and 11 along Cawasji Patel Street and Barber Lane. The cost incurred was Rs. 10,030-13-2.

IMPROVED COVERS OVER WATER ENTRANCES.

118. These covers having been found effective, 102 such covers were provided in A Ward, and 53 in E Ward and their cost was met from Section 5 (*a*) Repairs and Alterations to Drains.

MAINTENANCE AND UP-KEEP OF OPEN MAIN DRAIN AND LOW-LEVEL CHANNELS.

119. A sum of Rs. 3,000 was provided for the work. It was in progress throughout the year. The expenditure amounted to Rs. 2,996-5-11.

120. A sum of Rs. 3,200 was provided for removing the silt and cleaning the above drains and the work was carried out departmentally at a cost of Rs. 3,125-14-11.

121. A grant of Rs. 1,000 was provided for repairing the underground flushing chambers and cisterns. The work was carried out departmentally at a total cost of Rs. 928-13-5.

PUBLIC LATRINES AND URINALS.

122. The Petty Works Contractors for the years 1909-10 and 1910-11 having failed to carry out the work of constructing a 4-seated latrine and a 2-seated urinal at the Babulnath Temple, it was carried out departmentally at a cost of Rs. 2,343-9-4 at the risk and expense of the Contractors for 1910-11. The work of constructing a 2-seated Torfit pattern urinal at Cavel was also carried out departmentally at a cost of Rs. 507-7-9 at the risk and expense of the Contractors for 1909-10 to whom it was originally entrusted.

123. The work of constructing latrines and urinals in different parts of the City was entrusted at the close of the year to Messrs. Abdulali Karimbhoy & Co., and was in progress.

124. The work of constructing a 40-seated block of trough pattern latrines and three paved washing places as Tardeo Flats for the use of the Health Department was entrusted to Messrs. Abdulalli Karimbhoy & Co., and carried out by them at a cost of Rs. 4,675-3-10 against the grant of Rs. 5,892.

125. Construction of relieving arches for strengthening the old main drain at Falkland Road was completed as far as the grant permitted. The expenditure incurred during the year was Rs. 5,635-6-11, the total expenditure being Rs. 28,175-3-11.

REPLACEMENT OF STONEWARE PIPES IN COLABA SECTIONAL DISTRICT BY CAST-IRON ONES.

126. A further grant of Rs. 5,000 was provided for this work and the expenditure against the grant up to the close of the year amounted to Rs. 2,891-13-11.

CLEANING STORM-WATER DRAINS.

127. This work for which an annual grant of Rs. 6,000 is provided was carried out departmentally during the dry months of the year and the total expenditure incurred thereon amounted to Rs. 2,553-15-1.

PROVIDING STORM-WATER DRAINS.

128. The following four works costing over Rs. 3,000 each were entrusted to and were carried out by Messrs. Abdulali Karimbhoy & Co., and completed during the year at the cost noted against them :—

Serial No.	Particulars.	Amount available and transfers.	Actual cost.	Savings.
		Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Construction of an open V shaped drain in the land to the East of Nepean Sea Road	3,967 0 0	3,712 5 6	254 10 6
2	Providing 1'—6" × 1'—6" storm-water drain with water entrances and water tables in Valpakhadi Road	3,951 0 0	3,814 4 2	636 11 10
3	Extending storm-water drain at the North-East corner of Esplanade Parade Ground	3,028 0 0	7,839 3 10	398 12 2
	and diverting the ovoid storm-water drain in Esplanade Road between Churchgate Street and Armenian Lane...	(One contract for both the works.) 5,210 0 0		
4	Laying 4" cast-iron pipe drain from DeLisle Road to the boundary of the Century Mills premises	5,632 0 0	4,816 0 10	815 15 2
	Total ...	21,788 0 0	19,681 14 4	2,106 1 8

129. The work of laying a 6" pipe drain in the passage at Nepean Sea Road for which a grant of Rs. 5,735 was provided was completed departmentally in July 1910 at a cost of Rs. 5,226-13-4.

130. The work of diverting the 15" pipe sewer and providing a 9" C. I. pipe sewer in connection with the Arthur Road Overbridge was completed at a cost of Rs. 2,687-11-11 against the grant of Rs. 3,845 provided for the purpose.

MISCELLANEOUS.

131. Works to the extent of about Rs. 79,340 including the repairs and alterations to and cleaning of sewers and drains generally and making minor additions thereto, and the drainage arrangements of the various Health Camps were carried out during the year. Out of these, works costing about Rs. 6,764 were carried out departmentally and the rest were executed through the agency of the Petty Works Contractors.

132. Daily reports in the prescribed form showing the progress made in the work of cleaning main sewers and pipe sewers by means of scrapers and discs were submitted by the Chief Inspector.

E.

WATER WORKS.

Tansa Lake.

133. The total rainfall for the year, measured near the outlet from the Lake, was 97·20 inches or 3·2 per cent. above the average for the preceding five years, the rainfall for the preceding five years being—

57·14 inches in 1905.
75·96 „ 1906.
96·98 „ 1907.
90·18 „ 1908.
102·19 „ 1909.

Rain fell on 100 different days, and exceeded 5 inches per day on three occasions. On 28 days the rainfall ranged from 1 to 3½ inches.

134. The first rainfall occurred on 4th June, and from this date up to the 30th November when the monsoon finally ceased, 73,994 million gallons fell on the catchment area of 33,600 acres, and of this quantity 33,775 million gallons or about 46 per cent. of the total rainfall was received in the Lake.

135. The Lake commenced to overflow on 30th July when the rainfall amounted to 36·11 inches and continued to overflow until 3rd September. It overflowed again from the 27th September to the 1st October. The total quantity of water that passed over the waste weir was about 22,702 million gallons or about 67 per cent. of the quantity received in the Lake.

136. The quantity of water delivered into the duct at the Lake was about 7,708 million gallons for the year, of which 6,165 million gallons were received in the City. The balance, 1,543 million gallons, being lost by leakage, evaporation and overflow from siphon heads along the line.

137. The quantity of water lost from the Lake through evaporation, leakage and supply between 1st April and 31st May 1910 was 2,325 million gallons and that lost from 1st December to 31st March 1911 was 4,998 million gallons, making a total of 7,323 million gallons for 182 days, or an average of 40 million gallons per day.

138. The loss of water by evaporation from the Lake averaged, during the dry months, 13½ million gallons per day. The observed evaporation being as follows:—

7·40 inches for 30 days of April.
7·00 „ „ 31 „ „ May.
·70 „ „ 3 „ „ June.
3·70 „ „ 25 „ „ November.
4·00 „ „ 31 „ „ December.
4·70 „ „ 31 „ „ January.
5·50 „ „ 28 „ „ February.
5·80 „ „ 31 „ „ March.

139. The lowest depth to which the water in the Lake was drawn was 395·03 feet above T. H. D., leaving 15·3 feet or 9,887 million gallons above the bottom of the lowest outlet.

140. All the visible leaks from the aqueduct between Tansa and Ghatkopar were measured during the year, the total leakage found amounting to 1·17 million gallons per day.

141. There have been no bursts, accidents or interruptions in the supply from Tansa during the year.

142. The purity of the water in the Lake has been satisfactorily maintained. The following are the results of analysis of samples of water taken from the Lake from time to time :—

Date of Analysis.	Grains per Gallon.		Parts per million.		Nitrites.	Remarks.
	Total solids.	Chlorine	Free Ammonia.	Alb'd. Ammonia.		
5th April	7·0	·6	*Nil.*	·09	*Nil.*	
21st July	8·0	1·1	*Nil.*	·03	*Nil.*	
3rd October	7·0	·5	·0054	·07	*Nil.*	
9th January	6·0	·5	*Nil.*	·08	*Nil.*	

Vehar Lake.

143. The total rainfall for the year was 77·50 inches or 1·32 per cent. below the average for the preceding five years; the rainfall for the preceding five years being :—

46·27 inches in 1905.
67·03 „ „ 1906.
88·51 „ „ 1907.
76·54 „ „ 1908.
114·26 „ „ 1909.

Rain fell on 97 different days and exceeded 3 inches per day on three occasions. On 15 days the rainfall varied from 1 to 3 inches.

144. The total rainfall on the catchment area of 3,900 acres amounted to 6,848 million gallons, and it is estimated that 4,612 million gallons or 67 per cent. of this quantity was received in the Lake. In addition to the quantity of water received from the rainfall on the catchment of Vehar, about 150 million gallons were received from the overflow from Tulsi.

145. The Lake did not overflow during the year, the highest level attained being 259·30 feet above T. H. D. or 5·20 feet below the waste weir and 28·80 feet above the lowest outlet.

146. The total quantity of water lost by evaporation, leakage and supply from the Lake, between 1st April and 31st May, was 1,161 million gallons and between 1st December and 31st March 2,002 million gallons, making a total of 3,163 million gallons for 182 days, or an average of 17 million gallons per day.

147. The total quantity of water received in the City during the year through the 32″ and 24″ diameter mains from the Lake was 3,823 million gallons, making an average of 10½ million gallons per day.

148. The loss of water by evaporation from the Lake averaged 3·8 million gallons per day; the observed evaporation being—

5·20 inches for 30 days of April.
6·20 „ „ 31 „ „ May.
1·90 „ „ 19 „ „ November.
3·10 „ „ 31 „ „ December.
3·10 „ „ 31 „ „ January.
4·40 „ „ 28 „ „ February.
6·20 „ „ 31 „ „ March.

149. The lowest depth to which the water in the lake was drawn was 250·30 feet above T. H. D., leaving 19·80 feet or 4,429 million gallons in the lake for further supply in the event of the monsoon failing.

150 There were 3 bursts on the 32" Vehar main during the year.

1 on the 5th September at Kurla (4 miles 4,720 feet from Vehar).

1 on the 12th January between Currey Road and Chinchpookli.

1 on 20th February at Chinchpookli Station.

All these bursts were due, chiefly, to the old and corroded condition of the pipes which are being replaced.

151. The purity of water in the lake has been maintained throughout the year, as will be seen from the following statement of analysis :—

Date of Analysis.	Grains per gallon.	Parts per million.			Nitrites.	Remarks.
	Total solids.	Chlorine.	Free Ammonia.	Albd. Ammonia.		
5th April	9·0	·9	*Nil*	·18	*Nil*	
20th July	5·0	·9	*Nil*	·21	*Nil*	
3rd October	7·0	·9	0·14	·21	*Nil*	
9th January	6·0	·9	*Nil*	·262	*Nil*	

Tulsi Lake.

152. The total rainfall for the year was 84·36 inches or 17·83 per cent. below the average for the preceding five years; the rainfall for the preceding five years being :—

55·72 inches in 1905.
92·62 „ 1906.
119·51 „ 1907.
101·96 „ 1908.
127·21 „ 1909.

Rain fell on 103 days and exceeded 5 inches per day on 3 occasions. On 19 days it ranged from 1 to 3¾ inches per day.

153. The total rainfall on the catchment area (1,700 acres) amounted to 3,186 million gallons, and it is estimated that 2,156 million gallons or 68 per cent. of this quantity was received in the lake.

154. The lake commenced to overflow on the 1st October when the rainfall amounted to 83·77 inches and continued to overflow until the 6th October during which time 150 million gallons passed over the waste weir.

155. The total quantity of water lost from the lake by evaporation, leakage and supply, between 1st April and 31st May, was 327 million gallons, between 1st December and 31st March 664 million gallons, making a total of 991 million gallons for 182 days, or an average of 5½ million gallons per day.

156. The total quantity of water received in the City during the year was 1,312 million gallons, or an average of 3½ million gallons per day.

157. The average loss of water per day by evaporation from the lake was ·83 million gallons; the observed evaporation being :—

6·00	inches for	30	days of	April.
6·20	„ „	31	„	May.
1·80	„ „	17	„	November.
3·10	„ „	31	„	December.
3·10	„ „	31	„	January.
2·80	„ „	28	„	February.
5·00	„ „	31	„	March.

158. The lowest level to which the water in the lake was drawn was 436·85 feet T. H. D., leaving 37·50 feet or 859 million gallons in the lake for further supply.

159. There were no bursts, accident or interruptions in the supply from Tulsi during the year.

160. The following table shows the results of analysis of the water in the lake at various periods of the year :—

Date of Analysis	Grains per gallon.		Parts per million.		Nitrites.	Remarks.
	Total solids.	Chlorine.	Free Ammonia.	Albd. Ammonia.		
5th April	9·0	·9	*Nil.*	·22	*Nil.*	
20th July	7·0	1·0	*Nil.*	·21	*Nil.*	
3rd October	6·0	·9	*Nil.*	·182	*Nil.*	
9th January	5·0	·8	·032	·502	*Nil.*	

RESERVOIRS AND FILTERS.

161. The reservoirs and filters at Malabar Hill, Bhandarwada and Vehar have been in use throughout the year. The alterations to the ventilators over the Malabar Hill Reservoir, referred to in the report for 1909-10, have been completed and the waterproofing works commenced on 26th March 1907 at the Bhandarwada Reservoir are nearing completion. Of the two storage basins and 9 filter beds at Bhandarwada the 9 filters and the larger storage basins have now been thoroughly repaired and made water tight, work in the small storage basin is now in progress and will be completed shortly. The results of the operations at Bhandarwada show a marked improvement in the Mazagon locality. All streams and springs round the foot of the hill have now dried up, showing that there is now practically no leakage from the reservoir. The filter beds at Vehar could not be used after the 25th March 1911 owing to the water in the Lake falling below the level necessary to work them. Of the 1,494 million gallons supplied to the City through the 24" main from Vehar, 267 million gallons were passed through the filters.

DISTRIBUTION OF WORKS.

162. Works in connection with the renewing, enlarging and laying of additional water mains have been in progress throughout the year. The following table shows the sizes and lengths of various water mains laid during the year:—

Ward.	Locality.	Size of old main.	Size of new main.	Length of new main.	Remarks.
A	Cawasji Patel Street ...	3"	9"	1,055	
	Colaba Causeway	7"	12"	3,450	
	Do.	*Nil.*	9"	30	
	Rampart Row	3"	5"	900	
	Meadows Street	3"	5"	735	
	Military Square Lane ...	3"	4"	445	
	Boli Lane	3"	4"	295	
	Tamarind Lane	3"	5"	790	
	Armenian Lane	3"	5"	575	
	Ghoga Street	3"	5"	65	
	Esplanade Road	3"-4"	6"-8"	1,590	
	Green Street	3"-4"	5"-8"	465	
	Carnac Road	*Nil.*	5"	330	
B	Masjid Station Road ...	*Nil.*	5"	931	
	Sayed Mukri Street...	3"	5"	700	
	Kazi Sayed Street	3"	5"	2,467	
	Dongri Street	*Nil.*	5"	4,855	
C	1st Carpenter Street ...	*Nil.*	4"	170	
	2nd do. do. ...	*Nil.*	4"	181	
	Lamington Street	*Nil.*	4"	175	
	Ardeshir Dady Street ...	*Nil.*	4"	256	

Ward.	Locality.	Size of old main.	Size of new main.	Length of new main.	Remarks.
C—*contd.*	Cawasji Patel Tank Road ...	*Nil.*	6″	997	
	Thakurdwar Road	3″	6″	933	
	Fannswadi Road	3″	5″	309	
	Cavel Street	*Nil.*	5″	700	
	Bapu Khote Street... ...	3″	5″	516	
	Kakadwadi Lane	*Nil.*	3″	270	
D	Tardeo Road	*Nil.*	9″	1,055	
	Do.	*Nil.*	6″	30	
	Do.	*Nil.*	4″	40	
	Khetwadi Main Road ...	*Nil.*	5″	720	
	Cow Lane	*Nil.*	4″	293	
	Khotachiwadi	*Nil.*	6″	203	
	1st Sadashiv Street... ...	*Nil.*	4″	257	
	Khatamli Lane	*Nil.*	4″	210	
	2nd Sadashiv Street... ...	*Nil.*	4″	224	
	Kandewadi Lane	3″	6″	1,925	
	New Chunam Kiln Road ...	*Nil.*	6″	750	
E	Huzria Street	3″	5″	1,013	
	Kamathipura Bazar Road ..	3″	6″	1,663	
	Mahomedan Street	3″	5″	1,694	
	Agripada Estate	*Nil.*	5″	2,150	
F	Sewri Road	*Nil.*	6″	1,600	
	Arthur Road Overbridge ...	*Nil.*	4″	450	
	Elphinstone Road	15″	15″	1,560	
	Do.	9″	6″	900	
	Do.	*Nil.*	4″	1,400	
F & G	Dadar Road	*Nil.*	9″	4,050	
F	Vincent Road	*Nil.*	32″	9,642	Diversion of Vehar.
	Supuribag Road				
	Currey Road				
	Kurla to Saki	32″	48″	2,220	

Total length of all sizes, 58,220 feet or about 11 Miles.

LISTS OF BURSTS REPAIRED.

163. There were 76 bursts detected during the year as against 117, detected during 1909-10, 132 during 1908-09 and 170 during 1907-08 :—

37	Bursts on	3"	mains.
16	,,	4"	,,
6	,,	5"	,,
4	,,	6"	,,
3	,,	7"	,,
1	,,	9"	,,
1	,,	10"	,,
1	,,	12"	,,
1	,,	14"	,,
1	,,	15"	,,
5	,,	32"	,,
76			

164. The number of new connections made during the year was 707 including 21 branch connections. The connections cut off for various reasons numbered 207. The net increase therefore in the number of connections is 500 or 2·2 per cent. The total number of connections now stands at 22,910.

165. The total number of meters at present in use is 3,139. The number of meter tests made during the year was 3,829 with the following results :—

Stopped working	1,367
Working slow	384
Working fast	5
Test correct	2,073

These figures do not include a large number of tests made on the spot without removing the meters.

166. The number of disconnection orders submitted to the Standing Committee from time to time during the year was 256. All these were sanctioned and have been dealt with as follows :—

(1) Disconnection not enforced as the parties complied with the requirements	202
(2) Disconnections enforced	54

Financial.

167. The budget grant for the maintenance of the Water Works, Ordinary Branch, for the year was Rs. 2,92,838-8-0 which with the lapsed grants renewed and with the transfers and additional grants sanctioned amounted to Rs. 3,30,704-14-0. The total expenditure incurred against this sum and paid for during the year amounted to Rs. 2,88,588-1-9. This shows an unexpended balance of Rs. 52,588-1-9 a portion of which will be renewed in 1911-12 to meet the liabilities incurred during the year.

WORKS DONE FOR MUNICIPAL DEPARTMENTS AND PRIVATE PARTIES.

168. The amount of work executed during the year compared with that of the preceding year was as follows :—

	During 1909-10.		During 1910-11.	
	No. of Bills.	Value.	No. of Bills.	Value.
		Rs. a. p.		Rs. a. p.
Departmental Works	2,071	69,240 2 8	2,205	36,434 15 8
Private Works	529	11,481 5 10	561	5,129 13 10

SPECIAL BRANCH, WATER WORKS.

169. The Special Branch of the Water Works Department continued their operations throughout the year with the result that 777 underground and 5,269 aboveground defects were detected and repaired. Some of these defects were of a very extensive nature such as joint leaks on 32" Vehar main in G. I. P. Railway premises near Chinchpookli Station, 24" Tulsi main in Clerk Road and Tulsi Pipe Line Road, 28" main in Parel Bhendibazar Road, 22" Tansa main in Gilder Street and 9" main under the Level-crossing of Curroy Road Station, besides the bursts, joint leaks, etc., on smaller mains.

170. The following comparative statement shows the total length of water mains examined during the year under report and preceding years :—

	Excluding 2nd and subsequent tests.	Including 2nd and subsequent tests.
	(In feet.)	(In feet.)
From 23rd December to 29th June 1904	2,09,834	2,73,497
From 1st July 1904 to 31st July 1905	5,02,731	8,77,754
From 1st August 1905 to 31st March 1906	35,579	4,84,124
From 1st April 1906 to 31st March 1907	31,351	10,18,061
From 1st April 1907 to 31st March 1908	3,220	10,14,859
From 1st April 1908 to 31st March 1909	36,290	14,28,455
From 1st April 1909 to 31st March 1910	35,160	14,92,957
From 1st April 1910 to 31st March 1911	23,545	16,16,531
Total ...	8,77,710	82,00,238

171. The total length of mains including those of large diameter examined during the year was 31 miles and 2,220 feet.

172. The number of defect notices issued by the Water Works Department during the year was 3,617 including 116 issued by the Special Branch against

7,514 issued during the year 1905-06
5,072 „ „ „ 1906-07
3,371 „ „ „ 1907-08
4,496 „ „ „ 1908-09
3,890 „ „ „ 1909-10

173. The particulars of the defects and leaks detected and remedied from 1st April 1910 to 31st March 1911 are given in the following statement :—

Summary of defects detected by the Special Branch, Water Works, at inspections, &c., from 1st April 1910 to 31st March 1911.

Period.	Mains.		Sluice valve.		Hydrant, old pattern.		Hydrant, new pattern.		Service pipes, couplings, hoses, &c.		Stop tap, old pattern.		Stop tap, new pattern.		Disconnected service pipes.		Water post.	Miscellaneous holes, &c.	Stop tap.	Bib tap, taper tap.			Service pipe.	Ball valve out of order.	Storage tanks without ball valve.	Meter flange couplings, holes, &c.	Miscellaneous.
	Burst.	Joint.	Heavy.	Sliglt.	Heavy.	Slight.	Heavy.	Slight.	Broken.	Leaking.	Heavy.	Slight.	Heavy.	Slight.	Ferrule leak.	Pipe leak.				Out of order.	Leaking.	Left open.					
April ... 1910	1	2	1	8	1	8	...	4	...	23	...	3	...	3	...	1	...	...	...	30	213	...	16	2	...	1	3
May ... „	...	4	...	6	...	7	1	5	...	15	...	2	...	...	...	4	...	1	2	31	163	...	7	2	2	2	2
June ... „	2	5	...	4	...	8	...	2	...	18	...	7	...	4	...	...	...	...	...	59	243	...	18	3	...	...	2
July ... „	...	9	...	12	...	3	...	5	2	24	...	15	...	4	...	1	...	1	4	75	156	...	15	3	1	...	3
August ... „	...	7	...	11	1	10	...	11	1	21	...	6	...	1	...	3	2	...	...	66	147	14	14	3	...	...	3
September . „	1	1	...	9	...	4	...	4	1	20	...	17	...	1	...	2	...	...	...	52	197	24	11	...	...	1	1
October ... „	...	6	3	9	...	8	...	8	...	22	2	8	...	...	...	1	...	1	1	53	233	40	15	1	1	1	3
November... „	1	6	5	7	1	12	1	4	6	29	...	5	3	2	...	2	...	1	3	37	138	...	9	2	...	1	2
December ... „	1	1	...	7	1	9	...	5	3	18	...	1	...	5	...	3	...	...	...	13	89	...	12	1	...	...	.....
January ... 1911	2	3	...	16	...	9	2	18	5	27	...	6	...	3	...	1	...	...	...	19	137	...	10	4	...	1	.....
February ... „	1	11	...	9	...	11	1	4	2	7	...	6	3	1	...	7	...	...	...	12	92	...	4	2	...	1	3
March ... „	1	4	1	9	...	10	1	6	4	18	...	3	...	1	...	1	...	1	...	12	86	41	6	1	...	1	.....
Total ...	10	57	10	107	4	96	6	83	24	242	2	84	6	31	...	23	2	5	7	439	1,857	119	127	34	4	9	21

Total No. of defects = 3,104 (777 underground and 2,627 above ground).

General statement of defects noticed by the House Fitting Inspector from 1st April 1910 to 31st March 1911.

Period.	Bib taps leaking.	Taps running full-bore and taps left open and pipes without taps.	Ball valve and tanks out of order and leaking.	Stop tap leaking.	Service pipe leaking.	Hydrants.		Sluice valve leaking.	Burst.	Miscellaneous.*
						Old pattern.	New pattern.			
April ... 1910	108	45	4	17	32	1	.....	1	.....	5
May ... „	87	28	5	14	44	1	2	4	.....	28
June ... „	163	47	4	15	52	.....	.....	.....	.....	30
July ... „	158	43	6	14	27	1	2	.....	.....	11
August ... „	68	24	5	7	32	.....	1	5	.....	13
September „	79	33	10	11	48	.....	2	1	.....	27
October ... „	92	26	8	24	29	.....	3	2	.....	21
November... „	113	39	9	23	39	1	.....	1	.....	6
December... „	139	54	3	13	36	.....	4	3	.....	12
January ... 1911	130	74	4	14	46	1	4	5	.....	28
February... „	59	32	5	7	17	.....	1	.....	.....	11
March ... „	61	40	6	19	28	1	7	.....	.....	6
Total ...	1,250	483	69	175	430	6	26	20	.....	183

* Building works, broken meters, trading places, where there is unmetered supply.

Total number of defects = 2,642.

Grand total of defects detected from 1st April 1910 to 31st March 1911 = 6,046 (777 underground and 5,269 above ground).

174. During the latter of the year under report 42 diagrams were fixed for 24 hours on the several Deacon's Meter Districts in the City with a view to ascertain consumption thereon.

175. Since November 1910 the outdoor staff of the Special Branch has been rearranged as a temporary measure into five working gangs instead of the three previously existing without any increase in the number of the staff with the result that a marked increase in the number of inspections of the water mains has been brought about.

176. The quantity of water found running to waste as noted at the inspection of water mains is given in the following statement :—

Month.	No. of diagrams taken in the month.	Wastage in gallons per hour.	Wastage on large size mains.
1910 April	65	26,295	.....
„ May	66	13,915	.....
„ June	63	16,130	17,060
„ July	66	30,750	.....
„ August	66	37,225	12,000
„ September	64	11,875	.....
„ October	61	20,765	1,500
„ November	77	25,925	.....
„ December	78	21,650	700
1911 January	87	21,925	1,160
„ February	71	13,120	10,000
„ March	78	20,160	.....
Total ...	842	2,69,675	42,360

Financial.

177. The Budget Grant allotted for the year for carrying on the works appertaining to the Special Branch was Rs. 35,584. The total expenditure incurred, including transfer, against this grant amounted to Rs. 25,163-8-1.

178. This leaves an unexpended balance of Rs. 10,420-7-11 which, after deducting Rs. 45-9-8 for renewal from the lapsed grant to meet the liabilities incurred during the year but not yet paid and Rs. 6,000 already treated as saving as per Revised Estimate of Expenditure during the year 1910-11 attached to the Budget for 1911-12, leaves a nett saving of Rs. 4,374-14-3.

179. The latter is chiefly due to vacancies in the establishment of this branch having remained unfilled pending the reorganisation of the Water Department.

F.

Regulations of Streets and Buildings.

180. Building Applications.

Year.	Number of buildings for which plans were received and passed wholly or subject to certain conditions.
1906-1907	2,510
1907-1908	3,162
1908-1909	3,827
1909-1910	3,198
1910-1911	3,227

Notices and Summonses issued.

181. 6,329 Notices were issued on house-owners under various sections of the Municipal Act. This number exceeds the previous year's total by 1,413.

182. Prosecutions were instituted in the Magistrates' Courts in 1,664 cases under the Municipal Act against the house-owners, who failed to comply with the Notices served upon them. In 947 of these cases the parties complied with the Municipal requirements before service of the Summonses which were therefore withdrawn. In 196 cases the parties were warned and discharged. In 436 cases they were convicted and fined, and 85 cases were postponed to dates after the end of the current year. It is again necessary to draw attention to the large number of cases in which the Magistrates admit that the offences have been committed and yet fail to inflict any penalty.

183. The amount of fines realized was Rs. 3,849.

184. The following statement shows the different sections of the Act under which the offenders were prosecuted and other details of the prosecutions during the year:—

Superintendents of Divisions.	No. of Sections of the Act.	No. of Prosecutions.	Cases withdrawn as the requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year (1911-12.)	Amount of Fines.
							Rs. a. p.
Superintendent, 1st Division.	231	51	37	...	2	12	20 0 0
	246A	1	...	...	1	...	20 0 0
	247	4	2	...	2	...	10 0 0
	297	3	...	...	2	1	20 0 0
	308	26	9	...	4	13	100 0 0
	315	1	1	...	...	...	.....
	322	13	12	...	...	1	.....
	347	47	37	...	8	2	110 8 0
	349B & C	1	1	...	...	...	.....
	353A	20	12	...	7	1	45 0 0
	354	8	6	...	...	2	.....
	Bye-law No. 48	2	2	...	...	...	.....
	...	177	119	...	26	32	323 8 0

Superintendents of Divisions.	No. of Sections of the Act.	No. of Prosecutions.	Cases withdrawn as the requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year (1911-12.)	Amount of Fines.
							Rs. a. p.
Superintendent, 2nd Division...	231	40	33	...	4	3	28 0 0
	246A	3	1	...	1	1	5 0 0
	297 (3)	15	11	...	2	2	12 0 0
	308	29	27	...	2	...	6 0 0
	308 & 309	1	1	...	...	...	.....
	322	49	49	...	...	...	.....
	344A	2	2	...	...	...	.....
	347	137	103	...	26	8	412 8 0
	349B	14	8	1	5	...	32 8 0
	349C	2	1	1	...	...	.....
	353	8	8	...	..	...	.....
	353A	49	33	...	14	2	156 8 0
	354	138	102	...	22	9	384 0 0
	383	1	1	...	...	...	.....
	Bye-law No 38	1	1	...	...	...	.....
	Bye-law No. 40	1	1	...	...	...	.....
	...	485	382	2	76	25	1,036 8 0
Superintendent, 3rd Division...	231	160	33	49	9	9	25 0 0
	246A	1	...	...	1	...	5 0 0
	297 (3)	4	...	2	2	...	6 0 0
	304	1	1	...	...	...	.....
	308	8	3	4	1	1	5 0 0
	311	1	1	...	...	...	.....
	322	38	12	13	1	...	5 0 0
	329	1	...	...	1	...	2 0 0
	347	82	21	42	18	1	148 0 0
	349C	1	1	...	...	...	.....
	353	94	6	10	6	2	28 0 0
	353A	92	15	32	44	1	358 0 0
	354	29	7	10	12	...	60 0 0
	383	1	1	...	...	...	.....
	Bye-law No. 40	1	1	...	...	...	.....
	...	372	101	162	95	14	657 0 0
Superintendent, 4th Division...	231	36	31	...	3	1	12 0 0
	297 (3)	1	1	...	...	...	.....
	308	15	10	4	1	...	2 0 0
	311	1	...	...	1	...	10 0 0
	322	9	7	1	1	...	1 0 0
	329	1	...	1	...	...	.....

Superintendents of Divisions.	No. of Sections of the Act.	No. of Prosecutions.	Cases withdrawn as the requirements were complied with.	Persons warned and discharged.	Persons convicted and fined.	Cases postponed to next year (1911-12.)	Amount of Fines.
							Rs. a. p.
Superintendent, 4th Division.—*contd.*	347	222	114	14	90	1	693 0 0
	349B	3	1	...	1	1	7 0 0
	349C	1	1	...	...	...	.....
	353	44	31	2	11	...	56 0 0
	353A	159	59	4	96	...	843 0 0
	354	35	21	...	9	3	93 0 0
	383	1	1	...	...	...	.....
	Bye-law No. 39	2	...	2	...	...	.....
	Bye-law No. 40	11	9	1	1	...	10 0 0
	...	338	286	23	214	3	1,727 0 0
Superintendent of Roads ...	305	59	55	...	...	4	.....
	312 (1)	2	1	1	...	...	.....
	313 (1)	27	3	...	24	...	104 0 0
	316	1	..	...	1	...	1 0 0
	322	2	1	...	...	1	.....
	329	1	1	...	...	...	.....
	...	92	61	1	25	5	105 0 0
Grand Total ..	...	1,664	948	194	436	85	3,849 0 0

Unsafe or Ruinous Buildings.

185. 417 Notices were issued for the removal of unsafe, dangerous or ruinous buildings. 353 of these were complied with either partly or wholly; in 8 cases structures were removed by the Municipality, and 56 cases were pending at the close of the year.

186. 12 Buildings or parts of buildings fell down before they were observed by the Building Department. In 10 cases no injury was done and in the remaining 2 cases 1 person was killed and 2 were injured.

Removal of Inflammable and Insanitary Huts.

187. Action was taken under Sections 349 and 380 of the Municipal Act for the summary removal of 698 inflammable and insanitary huts. 518 of these were removed as required and 180 cases were pending at the close of the year.

188. The following statement shows the number of cases submitted to the Standing Committee for their sanction to the removal of unauthorized work during the year :—

WARD.	The number of cases in which applications were made to the Standing Committee for their sanction to the removal of unauthorized work.	The number of Cases in which such sanction was granted.	The number of cases in which the works were actually removed in accordance with the sanction of the Standing Committee.	The number of cases in which the unauthorized works were allowed to remain with modifications.	Cases in which the parties took proceedings against the Municipality in a Court of Law.	REMARKS.
B North ...	1	1	.....	.....	.....	
D[1 ...	1	1	.....	.....	.....	
F ...	3	1	1	1	.....	
G ...	1	.....	.....	1	.....	

Street Improvement or Setbacks.

189. The amount available for street improvement for the year 1910-11 was as follows :—

Current Revenue.

	Rs.	a.	p.
Amount provided in the Budget	1,00,000	0	0
Loan Works.			
Grant provided in the Loan Works Budget ...	12,07,498	13	10
Total ...	13,07,498	13	10

190. Out of this amount, the sum of Rs. 2,54,672-1-10 was actually paid during the year.

191. The following statement shows the areas and values of ground added to streets in each ward during the year :—

Ward.	Areas in Square Yards.	Value.		
		Rs.	a.	p.
A	74·00	3,992	0	0
B	219·00	24,894	0	0
C	930·50	1,37,635	0	0
D	736·00	21,040	0	0
E	4,017·00	67,725	0	0
F	88·00	1,160	0	0
G	1,667·75	10,197	14	0
Total ...	7,732·25	2,66,643	14	0

192. The following table shows the number of (1) setback cases enforced, (2) setbacks added, (3) setbacks paid for, and (4) the area of ground in square yards added to streets during the last five years :—

Year.	Setbacks enforced.	Setbacks added.	Setbacks paid for.	The area of ground added to streets (in square yards).
1906-1907 ...	145	154	209	6,659·67
1907-1908 ...	137	133	125	7,263·46
1908-1909 ...	150	145	122	5,046·94
1909-1910 ...	112	137	120	7,106·65
1910-1911 ...	89	92	111	7,732·25

New Hydrants fixed.

205. The total number of new hydrants fixed for road watering was 138. Out of these 60 were new pattern underground hydrants and 78 stand-post hydrants.

Tarring Roads.

206. The following statement shows the roads which were tar-grouted or tar-painted:—

Name of Road.	Area in Sq. Ft.
Tar-grouted—	
(1) Hornby Road	39,650
Tar-painted—	
(1) Hornby Road	53,660
(2) Queen's Road	293,016
(3) Princess Street	39,648
(4) Church Gate Street	33,184
(5) Bank Street	2,160
(6) Elphinstone Circle	14,795
Total Area tar-painted ...	436,463

207. The total expenditure incurred on the work was Rs. 13,523-3-0.

Improvement of Roads.

208. The usual complaints were received during the year of rough and uneven roads, but the complaints about dust in the Fort district during the dry season were more insistent than usual. With the great increase of traffic, and especially of fast traffic, in the business quarters of the City of late years it has become evident that something better than the ordinary macadam surface is necessary and attention was being directed at the close of the year to the following systems of road construction :—

(*a*) Set-stones laid on a cement concrete foundation.

(*b*) Wood pavement laid on a cement concrete foundation.

(*c*) Tar macadam.

(*d*) Tar-grouted macadam.

(*e*) Tar-painted macadam.

209. The first of the above-mentioned systems, is without question the most durable, but to obtain the best results a good quality of granite must be used as the local trap stone is too brittle for the purpose. This is likely to make set-stone pavement proportionately more expensive than other systems in which local stone can be used. The principal objection to the system, irrespective of cost, is on account of the noise produced by the traffic and its use should therefore be confined to business quarters with very heavy traffic which are not largely residential, such as the neighbourhood of the Docks. To determine the most suitable size of set-stone for local conditions and to obtain data for the preparation of estimates for work on a larger scale arrangements were in progress at the close of the year to lay down an experimental length of Hyderabad granite sets with pitch grouting on the west side of Frere Road between Carnac Bunder and the main entrance to the Prince's Dock. The sets to be used are $3\frac{1}{2}'' \times 7'' \times 6''$ deep laid on a cement concrete foundation 6" deep. This size of set-stone is smaller than is generally laid down in Europe, and it has been selected for trial on account of the smaller-footed draft animal in local use.

210. System (*b*), wood pavement.—This system is also expensive, but on account of its good wearing qualities and silence it is extensively used in Europe for high class business quarters carrying a heavy traffic, and it would under ordinary circumstances be the most suitable pavement for such localities as Church Gate Street and Hornby Road, &c. It is, however, doubtful whether it would withstand the local variations of humidity and would not become insanitary in the hot weather. It is about to receive an extensive trial in Calcutta, and it would therefore be advisable to await the result of these trials before the system is further considered.

211. System (*c*) Tar Macadam.—The first essential of any system using broken stone is to obtain a material of even size, the evenness being of more importance than the actual size, and as near cubical as possible. There is no doubt that much of the unevenness of the roads in the City is due to the use of what has been justly described as "quarry refuse," and a great advance would unquestionably be made if all the metal were screened to one size before being placed on the roads. With that end in view, inquiries were being made at the close of the year from manufacturers of screening plant to allow of an estimate of cost being prepared for installing a mechanically operated plant of sufficient size to screen all the metal required. Metal of cubical shape is not so easy of attainment for the reason that most of this material produced from local quarries is the resultant of dressing larger stones, and flakes and spear-headed pieces form in consequence a large proportion of the whole. It is understood that the machine has been lately placed on the market and is in successful use in Singapore, for reducing the irregularity in shape of such pieces of metal, and inquiries about this machine were also being made. Given an evenly graded and properly-shaped metal, the next essential for making tar macadam on a large scale is a machine for heating both the metal and the tar and evenly coating the former while both are in a hot state. There are several successful machines for this purpose and particulars have been applied for. Failing wood pavement, it is considered that tar macadam is the most suitable material for paving all the more important streets in the Fort district and other residential localities where the traffic is heavy, and the amount of such pavement would only be limited by considerations of expense and the amount of tar available for the purpose. The small quantity of tar available from the local Gas works would, under present conditions, impose a serious limit, but the quantity procurable would be considerably increased if the Municipality provided storage tank accommodation to allow of the monsoon output of the Gas Company, which is at present lost to the Municipality, being stored for use during the fair season. Tank accommodation is not a very expensive matter and an estimate for a tank of local manufacture to contain 70,000 gallons has been obtained.

212. System (*d*) Tar-grouted macadam.—This system which consists of rolling in a coating of new metal in a dry state and subsequently grouting it with hot tar and dressing the surface with sand, was favourably reported on in the previous year's report and an extension of the system was recommended. I am, however, of opinion tar macadam will be found preferable to this system, both on the score of expense and durability. The only point in favour of tar-grouting is that, with the exception of an ordinary tar boiler, no special plant is required for manipulation or treatment.

213. System (*e*) Tar-painted macadam.—Further treatment under this system has confirmed the opinion expressed in the previous year's report that tar-painting should be restricted to those places where traffic is light in weight and small in amount. The system as applied during the year to the length of the Queen's Road between Church Gate and Marine Lines Stations appears likely to be eminently successful. On Hornby Road the dressing is found to be soon worn through by heavy traffic, and in such cases tar macadam should be substituted.

214. To facilitate operations under any of the above systems, it is necessary that a suitable plot of ground should be obtained in the Sewree district for the installation of screening machinery, cubing machines, tar-macadam making machinery and tar storage, and the ground should be large enough in addition for the accommodation of a large store of metal to obviate the present difficulty of a short supply in the monsoon, which is the most suitable season for making ordinary macadam roads. An inspection of suitable sites for this depôt was in progress at the close of the year.

Tree-Planting.

215. The work of planting new trees out of the budgetied grant of Rs. 5,000 was in progress at the end of the year.

Street Refuges.

216. The following street refuges were constructed and provided with gas lamps during the year at a total cost of Rs. 818-13-6.

Locality.	No. of Refuges.
At the junction of Queen's Road, Church Gate Street and Marine Lines...	4
At the junction of Cruickshank Road and Esplanade Road	1
At the junction of Sandhurst and Girgaum Roads	3
At the junction of Queen's Road and Mathew Road	1
Total ...	9

G

REPAIRS, FOOTPATHS, &c.

REPAIRS & MAINTENANCE.

Road Repairs.

193. The following statement gives items of works executed out of the grant sanctioned for road repairs and maintenance :—

Particulars.	Quantity of Work done in square feet.	Expenditure.
		Rs. a. p.
1. Full metalling...	3,475,777	2,03,270 7 8
2. Full patching...	1,076,094	45,079 15 1
3. Patching, sanding and sandstoning (including value of the balance of materials at site)	....	1,23,992 0 6
4. Scraping and brushing	.....	40,444 10 3
5. Repairs and maintenance of footpaths, bridges, culverts and road-side retaining walls	.....	13,114 14 10
6. Maintenance and fencing of road-side trees	.....	10,251 6 9
7. General repairs to tools, &c.	....	27,470 13 2
Total ... Rs. ...	4,551,871	4,63,624 4 3

194. The rate for full metalling works out to 11·23 pies per square foot or Rs. 5-13-7 per 100 square feet as against the standard estimated rate of Rs. 5-12-0.

195. Registers of measurements of full metalling work and of receipts and issues of road materials were maintained in each Ward Office during the year.

196. Roads in various parts of the City were disturbed by the operations of various agencies as shown below :—

Water Department	47,277	Rg. Ft.
Drainage Department	34,915	,,
Bombay Electric Supply & Tramway Company, Ld. ...	10,290	,,
Calender's Cable and Construction Co., Ld. (for the Bombay Telephone Co. and Others)	4,559	,,
Bombay Gas Company	34,065	,,
Private Parties...	4,189	,,
Total ...	135,295	Rg. Ft.

Thus the road surface disturbed was nearly 26 miles out of a total of about 162 miles of roads in the City.

197. The roads in the Sewri District continued to suffer heavily during the year, owing to the reclamation works of the Bombay Port Trust in progress in that part of the City.

198. The roads in the Worli District also suffered from the cartage of large quantities of murum from Worli Hill.

199. The cost of road repair works done by the Road Branch for the several Municipal Departments for public bodies and private individuals amounted to Rs. 1,43,863-1-8.

Road Materials.

200. The total quantity of road materials used during the year and their cost were as follow :—

Description of Material.	Quantity in C. Ft.	Cost.
Metal	1,420,756	1,18,100 5 6
Sand	328,191	31,588 6 2
Sandstone	150,601	14,307 1 6
Rubble stone	106,509	9,585 13 0
Total ...		1,73,581 10 2

Steam Rollers.

201. The two new steam rollers referred to in the last Administration Report were purchased during the year as noted below :—

One 10-ton single cylinder Aveling and Porter steam roller from Messrs. Turner Hoare & Co. at a cost of Rs. 6,918.

One Mann's Patent steam roller from Messrs. Marshall Sons & Co., Ltd., at a cost of Rs. 7,250.

202. The total number of steam rollers in use during the year was 28 including the two above-mentioned.

New Roads.

203. The following roads were taken over during the year :—

Serial No.	Name of the Road.	Taken over from
1	Sandhurst Road from Parel Road, Bhendi Bazar to Dongri Street	The City Improvement Trust.
2	New 40' road branching from Sandhurst Road near the New Memonwada Primary School	Do.
3	Princess Street (from Queen's Road to Shaik Memon Street)	Do.
4	New Queen's Road	Do.
5	Roads on Agripada Estate	Do.
6	Footpaths at Colaba Reclamation	Do.
7	Ardeshir Dadi Cross Lane	Declared public under Section 306 of the Municipal Act.
8	Panjrapol Cross Lane	
9	Approach road to the Dadar Goods Yard (G. I. P. Ry).	

Road Watering.

204. The Budget grant for this work was Rs. 75,000. As the expenditure during the first half of the year could not be kept within the apportionment and it was anticipated that the balance of the grant would be insufficient for requirements up to the close of the year, a further grant of Rs. 12,000 was applied for. Owing however to the late continuance of the monsoon and to the delay in sanctioning the grant, it was not utilized and the expenditure was kept within the Budget grant and amounted to Rs. 74,494-1-6.

Footpaths.

217. The following footpaths were paved with Shahabad stone out of the grant of Rs. 10,000 provided in the Budget for the year:—

(1) A portion of the south footpath of Clerk Road from Jacob Circle to 500 feet eastwards.

(2) A portion of the west footpath of Colaba Causeway from the Tramway Company's Car-shed to the Cotton Exchange Building.

(3) The footpaths of Karwar, Goa and Kumta Streets from Mint Road to Frere Road.

Tramways.

218. No extension of the tramways or renewal of the rails was carried out during the year. Three sidings, measuring 231 feet in length, were provided on the west side of the Bhatia Baug and a large refuge connected therewith was constructed between the sidings and Hornby Road. The tram tracks were also slightly diverted on the north side of the Baug, which was cut away on the same side to allow of the widening of the road to 45 feet between the rails and the kerb. These works have greatly helped to reduce the congestion of traffic on the south side of the Victoria Terminus buildings. As sanctioned under the Corporation's Resolution No. 5296, dated the 24th November 1910, the Bombay Electric Supply and Tramways Company was to be paid a sum of Rs. 7,500 towards the cost of diversions, &c., carried out by the Company at this place.

Overbridges.

219. The construction of the Arthur Road Overbridge was almost completed at the close of the year.

220. The diversion of sewers, storm-water drains and water and gas mains in connection with the Elphinstone Road Overbridge which was in progress at the close of the last year has been completed except the New Ejector Station at the junction of Carrol and Elphinstone Roads where the work had almost reached completion. The work of constructing the abutments and the approaches of this overbridge was in progress. The construction of the eastern approach road of this bridge was somewhat interfered with, in consequence of several High Court suits brought against the Municipality in regard to the acquisition of the land required for the approach and low-level roads.

221. All the properties required for Clerk Road and Currey Road Overbridges, G. I.P. Railway, have been acquired. The west approach of the Clerk Road Overbridge was almost completed and the east approach was in progress at the close of the year.

222. The Corporation have sanctioned a grant of Rs. 1,44,871 for the Clerk Road Overbridge, B. B. & C. I. Railway, and the whole of the land required has been acquired except two properties at the east end. Negotiations for the acquisition of these two properties were proceeding at the end of the year.

223. The preparation of an estimate for DeLisle Road overbridge, B. B. & C. I. Railway, which is the last of the sanctioned overbridges, is in hand.

224. The certified expenditure for overbridges amounted to Rs. 7,79,809-4-4 at the close of the year.

H.

PUBLIC LIGHTING.

Gas Lighting.

225. The total number of gas lamps in the City at the end of the year was 5,105 as detailed in the following statement and the total cost of the gas lighting was Rs. 3,20,770-8-9 :—

Ward.	Single Lights.	Double Lights.				Quadruple Lights.		Quintiple Lights.					High Power Self-Intensifying Lamps.																One Light.			Total.
													Three Lights.								Two Lights.											
		Apollo Pier.	Wellington Fountain.	Cursetji M. Shroff Statue.	Mayo Road Bellamy Lamps.	Triple Lights.	Apollo Pier.	Victoria Dock.	Sandhurst Road and Breach Candy Road.	Queen's Statue.	Mint Road.	Prince's Dock.	Church Gate Street.	Abdul Rahiman Street.	Bhuleshwar Road.	Jhakandwar.	C. P. Tank Road.	Girgaum Back Road.	Falkland Road.	Great Road.	Charni Road.	Girgaum Road.	Queen's Road.	New Queen's Road.	Esplanade Road.	Cheupati.	Sandhurst Road.	Shaik Memon Street.	Girgaum Road.	Band Stand.	Marine Lines.	Church Gate Street.	Cruickshank Road.	Princess Street.	Floral Fountain.	Fitzgerald Fountain.	Sandhurst Bridge.	
A	1,049	8	8	...	6	3	8	...	...	4	1	...	1	...	...	...	...	...	...	...	...	...	53	...	1	...	...	...	16	1	1	17	...	8	4	...	1,354
B	704	...	...	...	...	1	...	4	...	...	...	1	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	770
C	641	...	...	...	...	1	...	...	...	...	...	...	...	...	7	1	1	4	...	...	...	...	29	...	...	...	...	1	...	...	...	5	...	...	...	753
D	858	...	...	...	...	3	...	...	1	...	...	...	...	...	...	...	...	...	1	2	6	2	16	2	...	25	2	...	2	...	...	...	...	...	...	10	1,024
E	845	...	...	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	862
F	148	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	151
G	191	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	191
	4,436	16	16	8	12	48	32	16	5	20	5	5	5	42	21	3	3	12	6	6	18	6	199	1	2	50	4	2	4	32	2	2	34	10	8	4	10	5,105

226. During the year 321 new gas lamps were placed along the roads as detailed below :—

Locality.	No. of lamps.	Remarks.
Agripada Road	87	Taken over from City Improvement Trust.
Sandhurst Road between Parel Road and Dongri Street	12	Do. do.
Babulnath Extension	5	Do. do.
New Queen's Road	5	Do. do.
New Queen's Road Refuges	4	Do. do.
Princess Street...	23	Do. do.
Princess Street Refuges	10	Do. do.
Kolbhat Cross Lane	1	
Powai Road	7	
1st Babulnath Road	2	
Dadyset Road	7	
Pinjrapol Road	8	
1st Pinjrapol Cross Lane	3	
3rd Pinjrapol Cross Lane	3	
Fish Market Lane	1	
Ghoghari Cross Lane	1	
Ardeshir Dady Street	3	
Ripon Cross Lane	1	Taken over from house-owners.
Cruickshank Road	34	Vesta 2 Lt. Lamp.
Bandstand	20	Do.
Bandstand Enclosure	12	Do.
Marine Lines Refuges	2	Do.
Queen's Road Refuges...	4	Do.
Refuge at Church Gate Street	2	Do.
Queen's Parade	44	Do.
Dadar Approach Road	3	
Connaught Road	13	
Old Hanuman Lane	1	
Chakla Cross Lane	1	
Refuge at Shaik Memon Street	2	Vesta 2 Lt. Lamp.
Total ...	321	

Kerosine Oil Lighting.

227. As in the preceding years the kerosine oil lighting was carried out departmentally. The oil used for the first six months of the year was 150° Snow Flake Brand and 125° Bulk Oil and for the remaining six months 125° Rising Sun Brand.

228. Up to the end of August 1910 the following different kinds of burners were in use for lighting purposes :—

Ward.	Double wick burners used with single wick.	Simla pattern burners with helping wick.	President burners.	Total.
A	...	37	...	37
B	143	13	30	186
C	51	4	9	64
D	73	29	...	102
E	335	79	25	439
F	310	200	...	510
G	342	149	...	491
Total ...	1,254	511	64	1,829

229. From the 1st of September 1910 the double wick burners and President burners were dispensed with and Simla pattern burners have been substituted in their places.

230. The total number of Kerosine Oil lamps in the City at the close of the year was 1,848 as shown below :—

Ward.	No. of lamps.	Remarks.
A	37	All provided with Simla pattern burners.
B	186	
C	62	
D	102	
E	456	
F	498	
G	507	
Total ...	1,848	

231. 17 new lamps were taken over during the year from the Bombay Port Trustees on the streets at Ghorapdeo Road.

232. 4 new lamps were put up at the Elphinstone Bridge low-level road.

233. 2 lamps were removed from Ardeshir Dady Cross Lane and substituted by gas lamps.

234. The total cost of Kerosine Oil lighting during the year was Rs. 46,566-12-1. Deducting from this Rs. 3,221-12-7, being the amount realized by the sale of empty kerosine oil cases with tins, and (2) recovered (*a*) on account of departmental bills for lighting Health Camps, &c., and (*b*) from private parties for breakage of lanterns, posts, &c., the net cost of Kerosine Oil street lighting during the year amounted to Rs. 43,344-15-6, which gives a rate of Rs. 23-7-3 per lamp per annum.

I

MUNICIPAL WORKSHOPS.

235. The following are the particulars of expenditure incurred during the year for departmental and private works executed at the Municipal Workshops, for shop and supervision charges, tools and repairs to machinery, buildings, &c.

	Rs. a. p.	Rs. a. p.	Rs. a. p.
For Departmental Works, &c.:—			
Labour	66,453 3 8		
Stores	61,985 5 0		
Piece-work, cart-hire, &c.	817 7 6		
		1,29,261 0 2	
For Workshops Stores:—			
Labour	948 12 3		
Stores	3,473 12 4		
		4,422 8 7	
Total ...			1,33,683 8 9
For Shop Charges:—			
Labour	3,460 4 11		
Stores	7,862 6 9		
Piece-work, contingencies, &c.	50 0 0		
		11,372 11 8	
For supervision charges, establishment, rent, &c.			
Establishment	11,295 1 9		
Rent paid to Government	13,145 9 3		
Contingencies	1,040 13 0		
		25,481 8 0	
Total Expenditure for working the Shops ...			36,854 3 8
Total Expenditure during 1910-11 was			1,70,537 12 5

	Rs. a. p.
The total expenditure during 1910-11 on account of Departmental Works, &c. (Rs. 1,29,261-0-2) for Workshops and Stores Jobs (Rs. 4,422-8-7) aggregated with the amount charged for supervision, tools, shops, and repair charges, &c (Rs. 35,750-11-6) to	1,69,434 4 3
Add—Amount of incomplete jobs at the beginning of the year 1910-11	2,292 11 4
Rs. ...	1,71,726 15 7
Deduct—Amount of incomplete jobs at the end of the year 1910-11 ... ,, ...	3,037 10 4
Thus the total amount of bills preferred by the Workshops in the year 1910-11 was Rs. ...	1,68,689 5 3

Percentage for supervision, shop, repair charges, &c.

	Rs. a. p.	Rs. a. p.
The actual charges for the general working of the Shops (Rs. 11,372-11-8) and for supervision (Rs. 25,481-8-0) amounted to		36,854 3
The amount recovered on account of the abovementioned expenses by charging the fixed percentage of 25 per cent. on the cost of labour employed and materials used for works executed at the shops was	32,315 1 2	
The difference between the actual cost of working the Municipal Pumping and Portable Engines plus 25 per cent. for supervision, repairs, &c., and the fixed charges at which it was let on hire to private parties and Departmental works was	3,435 7 4	
The amount realized by the sale of saw-dust, unserviceable articles, &c., was	2,857 9 10	
The balance in favour of the Workshops was therefore		1,754 1
Total Rupees ...	38,608 5 4	38,608 5

236. The following are the principal items of new works completed during the year:—

Description of Works.	Amount.
	Rs. a. p.
Converting 28 N. P. hydrants into 56 Hewett Pattern hydrants	1,293 14 4
Making 93 sign-boards for the different District Registrars	649 5 0
Making two balanced penstocks, 3'-6" × 4'-6", for the Hornby Vellard S. W. Drain	2,636 14 2
Making 6 semi-liquid drain carts for the Road Department	881 10 11
Making 1 hose reel, 4 tender cart, 2 G. M. elbow nozzles, 4 G. M. breechings and 2 teakwood boxes for the Fire Brigade	690 5 10
Renewing 34 dust-bin carts to new pattern for the Health Department	7,414 5 5
Raising the sides of 3 motor wagon bodies for Health Department	237 7 8
Fixing mechanical stokers at the Love Grove Compressor Station	3,035 7 9
Covering of part of the well opposite the Esplanade Police Court at Cruickshank Road	1,045 11 1
Renewing 4 meat vans for the Market Department	1,286 8 3

237. Works completed which were commenced in the previous year :—

Description of Works.	Amount.
	Rs. a. p.
Converting 25 N. P. hydrants into 50 Hewett Pattern hydrants	1,188 4 11
Renewing 18 dust bin carts to new pattern for the Health Department	4,929 6 10
Fixing electric motors at the Colaba Air Compressor Station...	1,815 2 5
Cutting down iron stalls and making hoop-iron double trellis door at the Erskine Road Market	518 5 4
Fixing hinged covers to all road watering tanks in the City	682 10 3

238. The following are the principal items of new works which were in progress but were not completed before the close of the year :—

Description of Works.	Estimated cost.	Expenditure upto 28th February 1911.
	Rs. a. p.	Rs. a. p.
Erecting 1,000 gallons Ejectors and tubbing at No. 3 Ejector Station, Colaba	2,750 0 0	2,070 7 3
Erecting 1,000 gallons Ejectors and tubbing at Elphinstone Road	3,250 0 0	1,238 10 4
Making an experimental cart for carrying offal from the A. C. Markets	500 0 0	215 5 1
Removing and refixing Dr. Blaney's statue at the Bhatia Baug	750 0 0	329 2 8
Erecting screening and dredging machinery at the new Love Grove Pumping Station ...	10,000 0 0	48 0 9
Making and fixing iron work for screening and dredging chamber at the new L. G. Pumping Station	17,120 0 0	13 13 8
Making and fixing 21 iron bars, 42 iron chairs, 2 lamp posts with lamps and fixing corrugated iron screen walls and shifting existing corrugated iron screen walls at the Hajnet Road Cemetery	1,633 8 6	150 11 7
Repairing a pipe testing machine for the Water Works Department	1,224 0 0	885 0 11

239. In addition to the above works the Workshops have continued to keep in repair the rolling stock of the Health, Road and Drainage Departments, the machinery of the Love Grove Pumping and Compressor Stations, the Colaba Compressor Station, the Ejector Stations in the Parel, Chinchpokli, Agripada, Malabar Hill, Mazagon, and Colaba Districts, Steam Rollers, Fire Engines, Motor Refuse Wagons, &c.

240. On account of the work carried out during the year being in excess of anticipations the grants for Extra and Overtime labour had to be supplemented by the following transfers and advances:—

Standing Committee's Sanction.	Amount.	Remarks.
	Rs.	
Resolution No. 3654, dated 6th September 1910...	2,300	Transferred from savings in Permanent Labour grant.
Do. do. do. ...	4,706	Advance from Surplus Cash Balance.
Resolution No. 6492, dated 25th January 1911 ...	2,000	Transferred from savings in Permanent Labour grant.
Resolution No. 7346, dated 1st March 1911 ...	1,000	Transferred from savings in Stores grant.

241. Out of the ground measuring 5,785 square yards held on a monthly tenancy from Government a small portion measuring 12·5 square yards was handed back to Government from the 17th June 1910 for transfer to the G. I. P. Railway Company. The monthly bill for rent has thereby been reduced from Rs. 542-5-6 to Rs. 541-2-9.

242. The plans and estimates, &c., for the 1st section of the new Workshops at Foras Road were completed during the year, and pending the inclusion of the cost of the whole work in a future loan the Corporation under their Resolution No. 6892, dated the 6th February 1910, sanctioned the execution of works at an estimated cost of Rs. 1,38,248 to the debit of an advance of a like amount from Surplus Cash Balance. Contract forms for the work were under preparation at the close of the year.

THE STEAM MEAT VAN AND STEAM TRACTOR AND TRAILER VAN SERVICE.

243. The Motor Meat Van was withdrawn from service from the 14th September 1910, as it was found to be unfit for further use.

244. Up to the time of withdrawal, 10,292 carcasses of mutton were carried to the Fort Market and 8,116 carcasses to the Crawford Market during 153 working days.

245. The mileage of the van during the period was 2,932, making a total of 24,708 since it commenced work on the 1st October 1903.

246. Considering the stage of development of motor traction at the time this van was purchased it has lasted as well as could be expected, and its failure to carry meat at as cheap a rate as bullock traction is largely due to the short period available for transport which limited the van to one trip of 20 miles per day. Had it been possible to run it a double trip every day the working charges per ton-mile would have been more favourable.

247. The working of the Steam Tractor was unsatisfactory. After being fitted with a new Vicker's compressed steel main driving axle, to replace the axle which broke at the end of the previous year, it went out of the Workshops on the 9th April 1910, only to return on the 4th March 1911 after less than one year's work with the axle again broken. As this is the fourth axle which has failed since the Tractor commenced work on the 1st November 1907, and it is not possible to increase the size or strength of the part, its renewal does not appear to be advisable and the possibility of converting the engine into a small steam roller to work at a lower speed is under consideration.

248. The tractor was in service for 246 days during the year and during this period it carried 79,500 carcasses of mutton to the Crawford Markets against 90,829 in 1909-10. The mileage for the year was 4,428, making a total of 15,912 since the service was commenced.

249. The cost of the service for the year was as follows :—

Steam Meat Van—			
Establishment	Rs.	451	14 2
Coal and Stores	„	525	8 11
Repairs and maintenance	„	234	4 11
Total	Rs.	1,211	12 0
Steam Tractor—			
Establishment	Rs.	948	0 0
Coal and Stores	„	1,232	2 10
Repairs and maintenance	„	533	15 10
Total	Rs.	2,714	2 8

THE LOVE GROVE PUMPING STATION.

250. The engines and pumps worked fairly satisfactorily during the year and the trouble previously experienced from the presence of kerosine oil in the sewage has almost ceased. This is, no doubt, due to the completion by the Port Trust of the new pipe line from the Oil Pier at Mody Bunder to the Sewree Bulk Oil Installation to replace the old line which was subject to heavy leakage.

251. There was one total stoppage of the engines during the year. This occurred on the 1st April 1911 at 5-5 a.m. when one of the radius rods of the valve gear of No. 2 engine, which was the only one at work, broke and stopped the engine. No. 1 engine was started in its place twenty minutes later so that the stoppage had no serious consequences.

252. It has been recorded from time to time how the proper working of the Station has been endangered by the sudden rush of large quantities of silt from the main sewer into the pump suction wells, necessitating the employment of divers for its removal before the engines could be restarted. The same trouble was again experienced on the 8th May 1910 when the sumps of Nos. 1 and 2 engines were filled to a depth of 10 feet with silt. As on previous occasions the Chief Engineer of the Port Trust kindly placed two divers at the disposal of the Department. The work of clearing the sumps was commenced on the morning of the 10th and proceeded without intermission until the morning of the 15th when it was possible to restart No. 2 engine and reduce the high level of sewage which the remaining two engines had been unable to cope with. It is very fortunate that the rush of silt did not extend to these two engines and that it was possible to keep them at work continuously until the sumps of Nos. 1 and 2 engines were cleared.

253. The efficiency of the pumps as tested by frequent observations taken by the Drainage Staff showed an average of 87 per cent. as against 89 per cent. in the previous year and 86 per cent. in 1908-09.

254. The combined total number of revolutions of all engines during the year was 28,739,698 against 29,045,025 in the preceding year.

255. The following table shows the total quantity of coal of different descriptions consumed during the year with their average rates per ton :—

Description of coal.	Tons.	Average rate.
		Rs. a. p.
Bird's Desharghur	3,312	14 13 5
Powell's Duffryn Cardiff	1,150	20 15 2

256. The average rate per ton for all of these descriptions of coal was Rs. 16-6-7·6 as against an average rate of Rs. 16-11-9·9 in the previous year, and the average daily consumption was 12 tons, 4 cwts., 1 qr., 27·2 lbs. against 12 tons, 4 cwts., 1 qr., 2·7 lbs. in 1909-10.

257. In consequence of the insufficiency of the grant for coal a transfer of Rs. 3,250 from savings in the Health Department grants was sanctioned under the Standing Committee's Resolution No. 5710, dated the 14th December 1910. The total expenditure was slightly less than in the previous year, the actuals being Rs. 73,242-6-10 as against Rs. 74,623-12-2 in 1909-10.

258. The repairs of No. 2 engine, which were in hand at the close of the previous year, were completed in May 1910 and the engine was thereupon restarted and No. 1 engine was laid off for general repairs. The work was completed and the engine restarted on the 30th December 1910. General repairs to No. 3 engine were then taken in hand and were in progress at the close of the year.

259. 500 lbs. of "Brad" valve faces at Rs. 4-6-0 per lb. and 514 lbs. of No. 7873 quality valve faces at Rs. 4-13-6 per lb. were purchased for the sewage pumps from Messrs. Bradbury Brady & Co., and the India Rubber, Guttapercha and Telegraph Works Co., Ltd., respectively. 600 r. ft. of 6" × 5 ply Dick's canvas balata belting was also purchased for the same purpose from Messrs. W. Crawder & Co. at a rate of Rs. 1-15-0 per foot.

260. The grants for (*a*) Repairs to Machinery and (*b*) Contingencies and Stores having been found insufficient owing to excessive wear produced by the passage of large quantities of silt through the pumps, the Standing Committee under their Resolution No. 5710, dated the 14th December 1910, sanctioned a transfer of Rs. 3,200 to the first-mentioned grant and Rs. 4,650 to the last-mentioned grant from savings in the grants of the Health Department.

261. During the period from the 20th November 1910 that Mr. T. A. E. Thompson, 1st Engineer, Love Grove Pumping and Compressor Stations, was appointed Acting Engineer-in-charge, Mechanical Branch, Mr. Benjamin Moses Talegamkar, 2nd Engineer, Love Grove Pumping Station, took over the duties of the 1st Engineer in addition to his own duties.

262. Progress continues to be made in connection with the supply and erection of new pumping machinery and plant for the Station.

263. As mentioned in the last report Messrs. Virji Teju & Co. were entrusted with the work of constructing a new cooling tank and a new chimney in connection with the new measures. The tank was completed and brought into use in October 1910 and work on the new chimney was thereupon taken in hand and was in progress at the close of the year.

264. Under their Resolution No. 5373, dated the 30th November 1910, the Standing Committee accepted the tender of Messrs. Teju Kaya & Co., amounting to Rs. 2,52,546·59 for masonry work in the new Dredging and Screening Chambers, and good progress in construction under the supervision of the Drainage Branch was made before the close of the year. The greater part of the machinery for the work from the Contractors, Messrs. S. Stott & Co., arrived before the end of the year and the erection of the same was taken in hand by the Municipal Workshops at an estimated cost of Rs. 10,800. The Workshops were also entrusted with the manufacture and erection of sundry ironwork in connection with the same work at an estimated cost of Rs. 17,120 and some progress was made under this head before the close of the year.

265. A commencement was made with the foundations of the new Pumping Engine House. The contract for this work was also awarded to Messrs. Teju Kaya & Co. at rates aggregating to Rs. 1,82,653·883, *vide* the Standing Committee's Resolution, No. 7351, dated the 1st March 1911. None of the machinery for this work had arrived up to close of the year.

266. The scheme for the new low-level sea outfall at Love Grove was still in the inquiry stage at the close of the year. It was mentioned in the last report that Mr. Kidd of the firm of Messrs. Lowther, Kidd & Co. had left England for Bombay in March 1910 to personally supervise the survey of the site and to collect data for the preparation of plans and estimates for the work which the firm had entered into a contract to supply for the sum of Rs. 65,000. The survey and a series of float observations of the tidal currents, &c., were duly carried out by Mr. Kidd, and under their letter, dated the 8th July 1910, Mr. Kidd's firm submitted their proposals for the work, together with plans, estimates and quantities.

267. The total cost of the work was estimated at Rs. 47,36,018-12-4, and on the matter being placed before the Corporation it was referred by that Body under their Resolution, No. 3530, dated the 1st September 1910, to a Committee for consideration and report. In consequence of the magnitude of the work and the large amount involved the Committee referred the plans and estimates for opinion and advice to the following Committee of Engineers:—Mr. A. C. W. Foshery, M.I.C.E., and Mr. L. H. Savile, A.M.I.C.E., of the Bombay Port Trust, Mr. R. J. Kent, A.M.I.C.E., Improvement Trust, and Mr. E. M. Proes, Presidency Executive Engineer. This latter Committee was unable to approve of the recommendations of Messrs. Lowther, Kidd & Co., and considered that the work could be carried out with equal efficiency at a much lower cost as per alternative plans and estimates which were submitted amounting to Rs. 21,50,000. The Committee's scheme was in its turn submitted to Messrs. Lowther, Kidd & Co. for their remarks and was subsequently referred back to the Committee in view of the criticisms passed upon the scheme by Messrs. Lowther, Kidd & Co. The net result was that opinions could not be reconciled, Messrs. Lowther, Kidd & Co., so far modifying their proposals as to bring their estimates down to Rs. 36,65,000, while the Committee still considered that the work could be satisfactorily carried out within the amount of their original estimate.

268. In view of these differences of opinion and the large difference in the amount of estimates the Corporation under their Resolution, No. 6725, dated the 2nd February 1911, requested the Commissioner to place himself in communication with Sir Walter Hughes and Mr. Midgley Taylor with a view to obtaining from them particulars concerning the names of experts or firm of experts capable of giving advice in the matter.

THE COLABA COMPRESSOR STATION.

269. The machinery of the Compressor Station and the Ejector Stations served from it worked satisfactorily during the year.

270. The total quantity of sewage lifted during the year amounted approximately to 426 million gallons against 436¼ million gallons in 1909-10. The total number of revolutions run by the compressor engines was 41,726,068.

271. Up to the time that the engines were converted to electric drive, 300 tons of Bird's Desharghur coal at a rate of Rs. 14-1-0 per ton and 50 tons of Cardiff coal at a rate of Rs. 20-3-0 per ton were consumed at the Station.

272. It was mentioned in the previous year's report that the conversion of two of the existing steam-driven air compressor engines into electrically driven compressors was in progress at the close of that year. The work on B engine was completed on the 18th June 1910 and after preliminary trials the engine commenced regular work two days later. An engine was then stopped for conversion and commenced working electrically from the 25th July 1910, and from that date up to the close of the year there was no further occasion for the use of the steam driven engine C. The total number of units of electrical energy used by A and B engines during the year was 43,113 and 52,625, respectively. The conversion has effected a great improvement in the neighbourhood and there is now no cause for complaint on account of smoke or coal dust. The work was completed at a total cost of Rs. 12,398-2-3 against the sanctioned grant of Rs. 12,400.

273. Owing to the higher cost of electric driving the grant for coal and electric supply had to be supplemented by a sum of Rs. 6,390, of which Rs. 1,360 was met by savings in the Establishment grant of the same Station consequent upon the reduction of Establishment due to the conversion, and the balance by a transfer of Rs. 3,530 from savings in Health Department grants and Rs. 1,500 from savings in the Water Works grants. These transfers were sanctioned under the Standing Committee's Resolutions, Nos. 5952, 5953 and 5954, dated the 30th December 1910.

274. The erection of the new Ejector Station containing two ejectors of 1,000 gallons capacity for No. 3 District Colaba, to replace the old Station containing 500 gallons ejectors, which was commenced in March 1910, was completed on the 24th January 1911. As the new station was to be served by the existing air and sealed sewage mains it was necessary to close down the Compressor Station during the period that the mains were disconnected from the old station and connected to the new one. The work was commenced under my supervision at 3 p. m. on the 24th and had so far advanced that at 12-50 a. m. on the 25th it was possible to re-start the compressor engines and resume the working of the stations in the other Districts and it is believed that no nuisance was caused in these Districts on account of the stoppage. The connections were completed and the new ejectors re-started by 6 a. m. the same morning, but it was necessary in the meantime to relieve the sewers in this District by the discharge of some of the sewage on to the foreshore which gave rise to one or two unavoidable complaints from residents in the locality.

THE LOVE GROVE AIR COMPRESSOR STATION.

275. The machinery of the Compressor Station and the several Ejector Stations in the Parel, Chinchpokli, Agripada, Malabar Hill and Mazagon Districts worked satisfactorily during the year.

276. The combined total number of revolutions run by Nos. 1 and 2 (large) compressor engines during the year was 30,786,995. The revolutions of Nos. 3 and 4 (small) engines amounted to 23,871,701 during the same period. The previous year's totals were 25,814,501 and 34,671,080, respectively. The small engines are half the capacity of the large so that the net decrease in revolutions during the year on the basis of a large engine is 427,196.

277. The total quantity of sewage lifted by the ejectors worked from the Station during the 12 months was approximately as follows :—

Ejector Station.	Quantity of sewage lifted in gallons.
No. 1 Fergusson District, DeLisle Road	624,709,000
No. 2 Do. Arthur Road	442,695,600
No. 1 Parel District, Elphinstone Road	292,267,500
No. 2 Do. Arthur Road	186,525,000
No. 3 Do. Sewri Road	58,153,200
No. 1 Mazagon District, Church Street	196,081,200
No. 2 Do. Tank Bunder	46,117,250
No. 1 Agripada District }	50,267,550
No. 2 Do. }	
No. 1 Malabar Hill District, Warden Road	69,479,500
No. 2 Do. do. Nepean Sea Road	29,501,700
No. 3 Do. do. Gamdevi Road	12,697,600
Total Gallons ...	2,008,494,700

278. The above total shows a decrease of 14,624,100 gallons on the total for the previous year.

279. The following table shows the total quantity of coal of different descriptions consumed during the year with their average rates per ton :—

Description.	Tons.	Average Rate.
		Rs. a. p.
Bird's Desharghur	2,356	14 13 2
Dutton's Welsh Hartley...	1,000	16 15 1
Jamadoba "Electric" Rubble	$33\frac{7}{16}$	16 2 7

280. The average rate per ton for all of these descriptions of coal was Rs. 15-7-4·3 and the average daily consumption was 9 tons, 5 cwts., 2 qrs., 26·5 lbs. against the respective figures of Rs. 16-9-2·2 and 8 tons, 16 cwts., 0 qr. and 18·4 lbs. in the previous year.

281 In consequence of the higher consumption of coal due to the use of the supplementary boiler noted below the grant had to be supplemented by a transfer of Rs. 2,415 from savings in the Health Department grants (*vide* the Standing Committee's Resolution No. 6346, dated the 18th January 1911).

282. It was mentioned in the last report that arrangements were being made to fix Babcock & Wilcox chain grate stokers and steam superheaters, which had been sanctioned in the Budget for 1909-10 at a cost of Rs. 17,000, to the boilers at the Station, and that the necessary alterations in the feed piping to the boilers was in hand at the close of that year. Before the actual fixing of the stokers could be taken in hand, it was found necessary to obtain an auxiliary boiler to assist in supplying steam for the compressor engine, for the reason that out of the three boilers at the Station (of which two are always in use) two boilers are built together in one block, and it was found that they could not be separately stopped for fixing the stokers. Some difficulty was experienced in obtaining a boiler sufficiently powerful for the purpose, but finally through the kind offices of Mr. S. J. Sarjant, Locomotive Superintendent, G. I. P. Railway, a new locomotive boiler of the largest size was lent on hire by the abovementioned Railway at a rate of Rs. 275 per month. The boiler was duly installed and connected, and the fixing of the stokers and superheaters to Nos. 1 and 2 boilers was commenced on the 23rd May 1910 and completed on the 16th August 1910. The attachment of the stoker and superheater to the remaining boiler was then taken in hand and was completed on the 5th November 1910. Sufficient time has not yet elapsed to determine the saving in coal consumption effected by these additions to the boilers but it will be appreciable. Of equal, or perhaps in the case of the Municipality greater, importance is the fact that the consumption of smoke by the stokers is absolute and that since they have been fixed, the Compressor Station chimney has ceased to emit any smoke at all.

283. During the progress of the above work it was found that the internal brickwork lining of the boilers was in a defective state and it was necessary to renew it at a cost of Rs. 3,000 to the debit of the grant for Contingencies and Stores. The grant had in consequence to be supplemented by a like amount by a transfer of Rs. 2,000 from savings in the repairs grant of the station and Rs. 1,000 from savings in the Drainage Department grants. These transfers were sanctioned respectively under the Standing Committee's Resolution No. 3876, dated the 23rd September 1910, and No. 4166, dated the 5th October 1910. The hiring and fixing, &c., of the auxiliary boiler was another unforeseen charge on the work and under their Resolution No. 5066, dated the 16th November 1910, the Standing Committee sanctioned a transfer of Rs. 2,950 from savings in the Drainage Department grants to meet the charge. Owing to the cost of the stokers being more than the estimate it was necessary to further supplement the grant by a grant of Rs. 650 from Surplus Cash Balance, *vide* the Corporation Resolution No. 729, dated the 4th May 1911. The actual cost of the whole works, exclusive of the new brick work lining, was Rs. 20,592-6-8.

284. An additional Budget provision of Rs. 8,000 under the grant for repairs to machinery having been made for the purchase of a third set of air cylinders and covers, they were obtained from Messrs. Walker Bros. through Messrs. Macbeth Bros. & Co. at a cost of Rs. 6,120 and were delivered in January 1911. They were being fitted to No. 3 (small) engine at the close of the year.

285. The erection of the new Ejector Station containing two ejectors of 1,000 gallons capacity each at Elphinstone Road, which was noted in the previous year's report, was commenced after the close of the Monsoon and was approaching completion at the close of the year. The old 700 gallon ejectors at the same place were arranged to discharge into the head of the DeLisle Road sewer at Parbhadevi and the sewage had thus to be lifted again at the Fergusson Road Ejector Station. This put an undue amount of work on the latter station and was wasteful, and it was therefore arranged to lay a new sealed sewage main along Carrol Road and Tulsi Pipe Line Road to Fergusson Road and thence by gravitation line to the head of the gravitating sewer in Worlee Road, for the discharge of the new station.

286. The tender of Messrs. Sayaji Naguji & Co. for the work, amounting to Rs. 66,293-13-7, was accepted under the Standing Committee's Resolution, No. 4465, dated the 19th October 1910, and the work was in progress under the supervision of the Drainage Branch at the close of the year.

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GENERAL.

Important subjects reported upon.

287. The following is a list of important subjects which were reported upon during the year :—

1. Improvement of roads at Sewri.
2. Removal of the Photometer House at Parel.
3. Scheme for widening of Chunam Kiln Road.
4. Method of preparing bills for ground rent to be recovered from the Bombay Telephone Company.
5. Establishment of a Central Copying and Record Department and delegation of work and separate cadres for the different Branches of the Executive Engineer's Department.
6. Question of widening Queen's Road from Church Gate Street to Wodehouse Bridge.
7. Improvement of existing roads and laying out new roads in the Northern portion of the Island West of the B. B. & C. I. Railway.
8. Drainage of waste water from mills.
9. The working of Section 353A of the Municipal Act.
10. Electric supply tariffs.
11. Efficiency of brakes used on the Tramway Company's cars.
12. Proposed new sewage outfall at Love Grove.
13. Widening of Nesbit Lane.
14. Storm-water drains running from Bellasis Bridge to Love Grove and from Jacob Circle to Worli.
15. Amendment of certain Sections in Chapter XII of the Municipal Act.
16. Widening and improvement of Worli Road.
17. Tramway Company's Bye-laws and Regulations.
18. Sewerage of the North of the Island.
19. Bill for rent of Tramway tracks.
20. Maintenance of tram tracks.
21. Proposed Eastern Avenue.
22. Alterations at Bhatia Bag.
23. Electric and other lifts in Bombay.
24. Report on the ruinous house No. 204, Khoja Street, belonging to Bai Amtullabai Binte Budhabai.
25. Passage between the two Matunga Stations.
26. Reports on the Test Audits of the Chief Accountant regarding labour employed and materials used for road repairs.
27. Re-organization of the Water Department.
28. Re-organization of Markets and Slaughter Houses.
29. Accommodation for the Engineers employed at the Love Grove Pumping Station.
30. Periodical tests of gas supplied by the Bombay Gas Company.
31. Procedure followed in taking action under Section 305 of the Municipal Act.
32. Improvement of road surfaces.

BILLS, VOUCHERS, &c., RECEIVED AND PASSED.

288. Comparative statement of the number of bills, vouchers, &c., received, examined and passed during the five years from 1906-07 to 1910-11 :—

Description.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
Bills for Supplies, Works, &c.	17,903	22,556	28,799	25,275	24,691
Departmental Works Bills	5,518	6,491	6,350	5,468	5,783
Private Work Bills	2,822	2,650	2,654	3,349	3,121
Total ...	26,243	31,697	37,804	34,092	33,595

NOTICES, &c., ISSUED.

289. Comparative statement of the number of notices, &c., issued during the five years from 1906-07 to 1910-11 :—

Section of the Municipal Act	Description.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
	Street and Building Branch.					
231	To provide rain-water eaves, gutters and down-take pipes	522	188	109	320	1,784
247	To provide water-closets, privies or urinals ...	7	4	4	7	1
257	To remove encroachments on drain, cesspool, house-gully, privy, urinal, &c.	6	7	2	1	...
299	Intimation to take possession of land outside building for street improvement	84	76	68	109	70
305	To level, metal or pave, drain and light private streets	11	17	111	82	87
306	To remove new projections	189	89	180	562	1,004
308-309	To remove new projections as well as old ones ...	3	...	11	8	52
311	To remove or alter door, or gate, bar or window opening upon a street	12	11	8	11	20
313 (b)	To remove any board or shelf within a height of 12 feet from the surface of the street	...	...	...	...	24
329	To repair, protect or enclose walls or dangerous places	14	14	11	16	23
349	To remove inflammable materials in external walls and roof covering	426	329	218	173	263
351	To remove, alter or pull down structures erected without Municipal approval or to submit plans for the same	37	13	13	19	30
353	To alter buildings erected or to amend works done contrary to the provisions of the Municipal Act or Building Bye-laws	251	199	237	261	361
354	To pull down ruinous houses	200	481	364	342	450
354 A	To remove persons directing works unlawfully carried on	...	...	...	...	75
380	Removing or altering insanitary huts or sheds ...	739	912	681	787	592
383	To cut and trim trees, shrubs and hedges... ...	1	7	2	3	6
488	Intimation of intention to enter houses after 24 hours' notice	1,918	1,359	1,097	2,211	1,427
351 (2)	Intimation of intention to enter houses after 48 hours' notice...	17	7	4	8	14
298 (2)	Intimation of intention to take possession of land occupied by buildings, &c.	2	7	4	3	...
Bye-law 48	Infringement of the provision of the Building Bye-laws	4	3	1	2	12
Section I of Government Notification No. 228E, 19th February 1897.	To prohibit further use of building as a dwelling	...	...	...	...	25
	Total ...	4,502	3,705	3,135	4,916	6,529

Section of the Municipal Act.	Description.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
	Drainage Ordinary Works.					
222	For laying Municipal drains through or under lands belonging to private parties	20	1	12	3	5
230	To carry drains through land belonging to other persons	45	39	21	13	20
231	To drain undrained premises within a hundred feet of a Municipal drain	534	621	721	711	628
232	To drain undrained premises not within a hundred feet of a Municipal drain	10	170	348	373	449
234	For erecting new buildings without drains ...	1	...	...	...	...
238	To declare joint ownership of a drain	34	10	8	5	8
240	To pass or construct a drain beneath any part of a building	...	6	12	...	...
243	To raise vent-pipes on the drain	...	...	...	31	27
244	To affix shafts or pipes or ventilation of drains, &c.	16	7	18	9	15
257	To renew, repair, &c., drainage of houses	1,765	1,022	723	817	868
258	To prohibit contraventions generally of the provisions of Chapter IX of the Municipal Act ...	1	...	6	...	1
488	Entering premises for purpose of surveying, &c. ..	6	3	1	...	...
	Total ...	2,432	1,879	1,840	1,962	2,100
	Drainage Loan Works.					
222	For the acquisition of land for making drains ...	4	...	6	...	...
244	For erecting or affixing pipes for ventilation of drains, &c.	13	...	...	...	...
	Total ...	17	...	6	...	...
	Water Works Branch.					
278 (2)	To repair and stop leakage of water from taps, service-pipes, &c.	4,910	3,101	4,496	3,509	3,857
279	To fix meters to service-pipes	320	270	342	291	290
	Total ...	5,230	3,371	4,838	3,800	4,147

SUMMARY.

Departments.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
Streets and Buildings Branch	4,502	3,705	3,135	4,916	6,329
Drainage Ordinary Works	2,432	1,879	1,840	1,962	2,100
Drainage Loan Works	17	.....	6	.....	.....
Water Works Branch	5,230	3,371	4,838	3,890	4,147
Total ...	12,181	8,955	9,819	10,768	12,576

LETTERS, &c., RECEIVED AND DESPATCHED.

200. Comparative statement of the number of letters, references to Inspectors, &c., received and despatched during the five years from 1906-07 to 1910-11 :—

Departments.		1906-07.	1907-08.	1908-09.	1909-10	1910-11.
General and Street and Building Branches...	Inward ...	142,965	144,881	146,992	178,359	179,522
	Outward...	126,546	134,164	145,581	179,764	183,072
Drainage Ordinary Works	Inward ...	54,349	47,458	45,455	58,499	54,001
	Outward...	34,731	35,126	39,635	38,788	37,134
Drainage Loan Works	Inward ...	2,751	2,046	2,183	2,158	.....
	Outward...	2,519	1,919	2,245	2,394	.....
Water Works Branch	Inward ...	49,189	53,317	56,146	58,291	56,165
	Outward...	46,501	48,368	50,475	50,357	55,161
Water Works Special Branch	Inward ...	4,383	3,385	3,064	1,791	.....
	Outward...	6,438	7,248	6,215	5,567	.....
Total ...		470,372	477,838	499,991	565,968	565,055

SUMMARY OF CLERICAL WORK DONE BY THE DIFFERENT BRANCHES.

291. The following is a summary of clerical work done by the different branches of the Department during the year :—

Consecutive No.	Description of Work.	General and Street and Building Branches.	Mechanical Branch.	Ordinary Drainage Work.	Water Works, Ordinary Branch.	Total.
1	Letters, &c., received including replies to references to Inspectors, &c.	179,522	4,420	54,001	56,166	294,109
2	Letters, &c., despatched, including references to Inspectors for report	183,072	5,032	37,134	55,161	280,399
3	Notices issued	6,329	.....	2,100	4,147	12,576
4	Summonses issued	1,664	.....	486	.....	2,150
5	Contracts for annual and other supplies and for the construction of various works executed	52	6	1	.....	59
6	Leases of various rights sold	28	.....	...	.....	28
7	Vouchers received and passed...	14,205	550	7,568	2,368	24,691
8	References made to Inspectors, &c., for certificates on vouchers	5,577	.....	3,498	1,536	10,611
9	Reports and certificates received from the Inspectors, &c.	5,575	.....	3,498	1,536	10,609
10	Departmental and Private Works bills prepared or received, checked and passed	4,195	1,278	665	2,766	8,904
11	Statement of works done for private parties checked and passed	84	.....	.....	.....	84
12	Statement of works done for Municipal Departments checked and passed	88	.....	.....	.....	88
13	Workshop's balance sheets prepared and forwarded	12	.....	.....	.....	12
14	Statements of recovery of bills against private parties received	69	.....	.....	.....	69
15	Requisitions prepared or received and forwarded...	2,358	9,116	1,740	3,277	16,491
16	Measurement slips for metal, sand, rubble, &c., received and checked	1,143	.....	.....	.....	1,143
17	Morning and material reports, diaries, &c., prepared or received and checked	5,110	.....	.....	.....	5,110
18	Muster Rolls received and checked	685	.....	.....	.....	685
19	Statements of wages remaining unclaimed received and checked	123	.....	.....	.....	123
20	Unclaimed wages, refund certificates prepared or received and passed	1,501	.....	.....	.....	1,501
21	Work abstracts for Road Repairs and Maintenance received and checked	84	.....	.....	.....	84
22	Work abstracts for Road watering received and checked	84	.....	.....	.....	84
23	Permits issued for projecting verandahs, balconies, rewas, weather-frames, &c.	64	.....	.....	.....	64
24	Permits issued for erection of scaffolding on public roads	795	.....	.....	.....	795
25	Permits issued for opening roads	2,061	.....	.....	.....	2,061
26	Permits issued for temporary occupation of public streets on marriage and other ceremonies ...	589	.....	.....	.....	589
27	Advice notes for sale of tender forms, rights of cutting grass, &c., hire of steam-rollers, carts, &c., ground-rent, &c., sale of building forms under Sections 337 and 342, supplying copies of Office records, sale of applications for water connections, fees for testing water-pipes, meter fittings, hire of meters, &c., prepared and forwarded to the Chief Accountant	2,752	.....	319	3,116	6,187
28	Licenses issued to plumbers	163	.....	.....	.....	163
29	Licenses issued to Surveyors	45	.....	.....	.....	45
30	Authorities issued to plumbers for opening roads under tram lines	58	.....	.....	.....	58
31	Orders issued for adding ground	41	.....	.....	.....	41
32	Permits for building or rebuilding houses granted either conditionally or unconditionally	3,237	.....	.....	.....	3,237
33	Claims for compensation for lands, &c., taken up for street improvement passed	185	.....	.....	.....	185
34	Number of road slips prepared and checked ...	75,555	.....	.....	.....	75,555

WORKS IN CONNECTION WITH PLAGUE MEASURES.

292. The latrines, nahanis and water connections at the different private Health Camps at Dadar and Vincent Road were provided by the Municipality.

293. The following camps were erected and provided with latrines, standpipes for water-supply and lighting arrangements at Municipal expense :—

ON MUNICIPAL GROUND AT—

		No. of Rooms.
1.	Babula Tank	24
2.	Gilder Tank	50
3.	Mahim Garden	50
4.	DeLisle Road next to Night-soil Depôt (or Parbadevi)	75

ON PRIVATE LAND AT—

		No. of Rooms.	
1.	Victoria Bunder (belonging to the Colaba Land and Mill Company, Ltd.) ...	26	
	ON IMPROVEMENT TRUST LAND AT—		
1.	Agripada Estate	100	
2.	Government House Compound, Parel ...	75	
			201
	Total No. of Rooms ...		400

294. The total cost of erecting temporary bamboo matting huts amounted to Rs. 3,550.

295. The Health Camps which existed at the undermentioned places in the previous years were maintained at Municipal expense during the year :—

ON MUNICIPAL GROUND AT—

		No. of Rooms.
1.	Babula Tank	16
2.	Northbrook Garden	46
3.	Mahim Station	30
4.	Arthur Road	72
5.	The Junction of Arthur Road and DeLisle Road ...	100
	ON GOVERNMENT LAND AT—	
1.	Koli Lane, Colaba	20
	Total No. of Rooms ...	284

296. The total cost of maintaining these camps amounted to Rs. 1,133.

MUNICIPAL SERVANTS' ACT.

297. No circumstance has arisen in this Department during the year to necessitate the putting of the Municipal Servants' Act into operation.

I have the honour to be,
Sir,
Your most obedient servant,

B. H. HEWETT, A.M.I.C.E.,
Executive Engineer.

K—FIRE BRIGADE.

1. The Department has been maintained in a State of efficiency during the year. All appliances are in good condition and thorough working order.

2. At a Fire which occurred at DeSouza Street, Mandvi, on the 15th of July, eight persons were burned to death. Twelve persons jumped from the upper floors, of whom two were killed on the spot, and ten removed to hospital, where one died and the remainder recovered.

This Fire occurred in a six-floored building, the ground floor of which was used as a waste paper store and the upper floors for residential purposes. On the arrival of the Brigade the building was enveloped in flame and the upper floor of a large six-floored building well alight, as also a ground floor building, both of which adjoined on either side. Details of this fire were submitted to the Corporation. No blame was attached to the Brigade in this case.

3. On the 12th of October an explosion of fireworks occurred at 2nd Cooper Street, as a result of which four persons were injured and removed to Hospital, where they died.

4. Several members of the Brigade received injuries at fires, none of which, however, proved of a serious nature, with the exception of Fireman Ambaji Bhikaji who died in Hospital from the effects of injuries received at a fire at Musjid Bunder Road on the 7th of February while in the execution of his duty. This man has left a widow who has been provided for in accordance with the Fire Brigade Pension Rules.

5. Forty-five members of the Brigade resigned or otherwise left the service during the year.

6. The Water Supply at fires has been satisfactory, and the attendance of the Water Works Staff prompt and of assistance to the Brigade.

7. The Van located at Byculla Fire Brigade Station, carrying implements for the rescue of persons from the debris of fallen buildings, has been called into requisition three times during the year. Eleven persons were recovered from the debris, of whom three were dead when extricated, whilst eight were removed to Hospital, treated and discharged.

8. Periodical inspection of Fire Hydrants throughout the City has been carried out by the Brigade.

9. The Fire Services at the Municipal Offices and Markets have been kept in good working order, and the employés have been periodically drilled in the use of the appliances.

10. Two horses were sold by public auction during the year. Owing to the advent of Motor Engines it is not proposed to replace them unless found absolutely necessary.

11. A contract entered into with Messrs. Balmer, Lawrie & Co., of Calcutta, for the supply of a Motor Steamer, Motor Ladder, Delivery Hose, etc., has been satisfactorily executed with the exception of the Motor Ladder which had not been delivered up to the end of the year, owing to some difficulty in getting a Vessel with hatchway sufficiently large to take the case.

12. Provision has been made in the ensuing year's Budget for a supply of 2,500 feet of Delivery Hose, one Motor Steam Fire Engine, one Petrol Motor Engine, one Petrol Motor Chassis to convert the present Horse-drawn Chemical Engine, and one Fire Escape.

13. The Corporation were good enough to sanction the purchase of a three-seated Motor Car for the Chief Officer's use. The car is now on order and will shortly be delivered.

14. The work of reconstructing the Bhuleshwar Fire Brigade Station has been completed and the station was opened in January last. A Motor Steam Fire Engine, a 75-foot Fire Escape, Hose Reel, Hand Fire Extinguishers, with the necessary staff, have been located there.

15. The construction of the Elphinstone Bridge Road Station has not yet been commenced.

16. The Corporation has approved of a new site being obtained for constructing an up-to-date Motor Station for the Fort District in place of the present Station on Hornby Road which is ill adapted to present requirements.

17. The proposal to replace the present Manual Station at Dadur by an up-to-date Motor Station, for protecting the northern part of the Island to which the city is now spreading, is under consideration.

18. A Central Telephone Switch Board has been located at the Byculla Fire Brigade station to which all Fire Stations are separately attached. Connection has also been made with the Water Works Department and the whole has worked satisfactorily during the year.

19. Consideration is being given the question of providing a number of Telephone Fire Alarms in certain parts of the City, for which provision has been made in the ensuing year's Budget.

20. The present strength and equipment of the Brigade is as follows :—

Strength.

1	Chief Officer.	11	Engineers.	171	Firemen of Grades.
2	Clerks.	6	Motor Drivers.	11	Drivers.
1	Head Foreman.	15	1st Class Tindals.	11	Grooms.
7	Foremen.	9	2nd Class Tindals.		

making a total of 245 men of all ranks, not including 4 Motor Drivers and one Chauffeur sanctioned but not engaged.

Equipment.

8	Horse-drawn Steam Fire Engines.	17	Hose Reels.
1	Petrol Motor Engine.	8	Tender Carts.
2	Steam Motor Engines.	8	Hand-propelled Escapes.
1	Petrol Motor Tender and Fire Escape combined.	1	Brake.
		1	Van.
1	Motor Ladder (not yet received).	16	Horses.
1	Chemical Horse-drawn Engine.	1	Motor car (not yet received).
8	Manual Engines.		

550 Lengths of Rubber-lined Delivery Hose aggregating 27,500 feet, and other necessary Fire-extinguishing appliances.

The distribution of Engines, etc., is as follows :—

Numbers.	STATIONS / NAMES.	Engines. Horse-drawn, Chemical.	Petrol Motor.	Motor Steamer.	Horse-drawn Steamer.	Manual.	Petrol Tender.	Motor Ladder.	Hose Reels.	Tender Carts.	Fire Escapes.	Brake.	Van.	Horses.	Delivery Hose.	Foremen.	Engineers.	Motor Drivers.	First class Tindals.	Second class Tindals.	Firemen of Grades.	Drivers.	Grooms.	Remarks.
1	Byculla	1	...	...	3	2	...	...	2	2	1	1	1	6	151	1	3	...	2	1	30	6	6	
2	Haines Road	...	1	...	...	...	1	...	...	...	...	...	...	...	70	1	1	2	1	1	14	...	...	
3	Gowalia Tank	...	...	...	1	1	...	...	1	1	1	...	...	2	38	1	1	...	2	1	21	1	1	
4	Chinchpokli	...	...	...	1	...	...	...	1	1	1	...	...	2	34	1	1	...	1	1	14	1	1	
5	Babula Tank	...	...	...	1	...	...	...	2	1	1	...	...	2	24	1	1	...	1	1	14	1	1	
6	Fort	...	...	...	1	...	...	...	1	1	1	...	...	2	34	1	1	...	1	1	14	1	1	
7	Colaba	...	...	...	1	1	...	...	4	1	1	...	...	2	60	1	1	...	1	1	14	1	1	
8	Baulcshwar	...	...	1	...	...	...	...	...	[illegible]	1	...	...	...	38	...	1	1	1	1	16	...	...	
9	Elphinstone Bridge Rd.	...	...	1	...	...	...	1	1	1	1	...	...	...	38	1	1	3	1	1	6	...	...	
10	Delisle Road	...	...	...	...	1	...	...	1	...	...	...	...	...	13	...	...	...	1	...	7	...	...	
11	Mahim	...	...	...	...	1	...	...	1	...	...	...	...	...	13	...	...	...	1	...	7	...	...	
12	Dadur	...	...	...	...	1	...	...	1	...	...	...	...	...	13	...	...	...	1	...	7	...	...	
13	Mazagon...	...	...	...	...	1	...	...	1	...	...	...	...	...	13	...	...	...	1	...	7	...	...	
	Total ...	1	1	2	8	8	1	1	17	8	8	1	1	16	550	8	11	6	15	9	171	11	11	

21. The number of calls to fires or supposed fires has been 123, which involved the turning out of engines and men, and resulted in 6 Alarms and 117 Fires, 71 of which were extinguished by Brigade appliances and 46 before the arrival of the Brigade.

22. The estimated damage to property has amounted to Rs. 5,76,742, showing a decrease of Rs. 9,28,815 as compared with the preceding year.

23. The amount of damage to property at the 71 fires extinguished by Brigade appliances is estimated at Rs. 5,56,209, whilst the property in imminent risk of becoming involved at these fires has been rated at Rs. 38,07,511.

24. The estimated damage to insured properties has been Rs. 4,32,172, and to uninsured Rs. 1,44,570.

25. The number of buildings damaged by Fire during the year was 28, of which 16 were insured and 12 uninsured. Fires in buildings where only the contents were damaged numbered 60, of which 27 were covered by insurance, whilst in 33 cases no insurance had been effected. 29 fires occurred on open ground principally consisting of Jowli huts.

26. 20 Fires were extinguished by the aid of Steamers, 1 by Manual, 33 by Hydrants, 17 by Hand pumps and Buckets, and 46 by private appliances.

27. The estimated quantity of water used for extinguishing fires has been 18,88,250 gallons, or about 8,429 tons. Of this quantity 15,05,250 gallons was taken from street mains, 3,05,000 gallons from sea and 78,000 gallons from wells and tanks.

28. The fires of 1910-1911 show an increase of 8 as compared with 1909-10, and with the average of the past ten years an increase of 21.

Table No. 1.

List of Causes of Fires for the year 1910-1911.

CAUSES.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Ashes, hot	1	...	...	...	...	...	...	...	...	...	...	...	1
Boilers, overheating	...	...	...	...	...	...	...	...	...	...	...	1	1
Candle, careless use of	...	...	...	...	...	1	...	...	...	...	1	1	3
Chimney on Fire	...	...	...	...	...	...	...	...	...	1	...	...	1
Do. overheating	...	...	...	...	...	...	...	...	1	...	...	...	1
Coal do.	...	1	2	...	...	...	...	1	...	...	...	...	4
Dammer boiling over	...	1	...	...	...	...	...	...	...	...	...	...	1
Doubtful	...	...	1	...	...	...	...	...	...	...	...	...	1
Electric wire, fusing of	...	...	...	1	...	...	1	...	1	...	1	...	4
Do. do. defective	...	...	...	...	...	...	...	...	...	...	...	1	1
Engine, spark from	...	...	...	...	...	...	...	1	...	...	...	...	1
Ether exploding	...	...	...	...	...	...	...	1	...	...	...	...	1
Fire, careless use of	...	...	...	3	...	...	...	1	1	2	...	1	8
Fireplace, careless use of	...	...	...	...	...	...	...	1	...	...	...	...	1
Fire, spark from	...	...	...	...	...	...	...	1	1	...	...	1	3
Fireworks exploding	...	...	...	...	...	...	1	...	...	...	...	...	1
Friction	2	...	...	...	...	...	1	1	4	...	...	1	9
Gas lamp, careless use of	...	...	...	1	...	...	...	...	...	...	...	...	1
Hydrochloric Acid upset	...	...	...	1	...	...	...	...	...	...	...	...	1
Kerosine oil lamp, careless use of	...	...	...	2	...	...	...	...	1	...	2	1	6
Kerosine oil lamp upset	...	...	1	...	...	...	...	...	...	...	...	...	1
Light thrown down	3	4	4	5	2	...	1	8	5	3	6	4	45
Matches, careless use of	...	...	...	...	...	...	...	...	...	...	1	...	1
Not known	2	1	1	1	1	1	...	1	1	2	1	...	12
Oil lamp, careless use of	...	...	...	...	...	...	1	1	...	...	...	...	2
Oil lamp upset	...	...	...	...	...	...	1	...	...	...	...	...	1
Do. exploding	...	...	...	...	...	...	...	1	1	...	...	...	2
Petrol do.	...	...	...	...	...	...	1	...	...	...	...	...	1
Spirit lamp, careless use of	...	...	...	...	...	...	...	...	...	...	1	...	1
Tar boiling over	...	1	...	...	...	...	...	...	...	...	...	...	1
Total	8	8	9	14	3	2	7	18	16	8	13	11	117

Table No. 2.

Monthly Summary of Fires and Annual Losses for the period 1901-1902 to 1910-1911.

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.	Estimated Loss.
														Rs.
1901-1902 ...	7	8	4	...	1	5	7	7	7	6	4	6	62	14,59,233
1902-1903...	6	10	4	4	6	1	6	8	7	8	15	5	80	5,17,834
1903-1904 ...	8	10	6	3	1	3	4	7	4	7	11	12	78	10,94,563
1904-1905 ...	4	9	7	2	3	5	5	18	9	6	13	7	88	22,11,462
1905-1906 ...	5	5	4	10	5	8	7	13	10	5	9	27	108	15,45,136
1906-1907 ...	5	16	25	7	6	4	14	9	6	8	9	10	120	55,38,801
1907-1908 ...	12	10	7	4	1	6	6	15	10	11	13	4	102	33,36,274
1908-1909...	7	11	7	5	2	8	11	11	9	12	9	10	102	23,94,164
1909-1910 ...	9	13	6	7	6	4	9	5	7	10	17	9	109	15,05,557
1910-1911 ...	8	8	9	14	3	2	7	13	16	8	13	11	117	5,75,742

Table No. 3.

List of Fires through which property to the extent of Rs. 2,000 and upwards was destroyed during the year 1910-1911.

Date.	Locality.	Description of Property destroyed.	Estimated Value.
1910.			Rs.
4th April ...	Fergusson Road	Cotton	20,000
14th ,, ...	Dontad Street	Building	39,050
18th ,, ...	Haines Road	Cotton	22,000
3rd June ...	Elphinstone Road...	Building	32,000
19th ,, ...	Kazi Syed Street	Do.	13,000
13th July ...	Palton Road	Stables	7,000
15th ,, ...	DeSouza Street	Buildings...	44,550
31st August ...	Kala Chowky Road	Iron Shed and Cotton	25,000
12th September ...	Clive 2nd Cross Lane	Building	8,500
3rd October ...	Chevoolwadi	Motor Car	3,000
25th ,, ...	Custom House Road	Building	5,500
25th November ...	Raichur Street	Gunny Bags	4,937
14th December ...	Colaba Road	Cotton	6,000
19th ,, ...	Elphinstone Road...	Do.	8,000
1911.			
1st January ...	Jamsetji Bunder	Cotton Bales	8,000
5th ,, ...	Colaba Causeway	Do.	4,760
1st February ...	Elphinstone Road...	Cotton	2,000
3rd ,, ...	Mount Road	Building	21,000
7th ,, ...	Musjid Bunder Road	Do.	2,74,150
12th ,, ...	Duncan Road	Rope Factory	9,000
14th March ...	Gamdevi Road	Cotton	2,000

L.—PUBLIC GARDENS.

REPORT OF THE SUPERINTENDENT OF MUNICIPAL GARDENS RECEIVED UNDER HIS No. 522 OF 21st MAY 1911.

SIR,

I have the honour to submit the Annual Report on the administration of the Municipal Gardens under my charge for the official year 1910-11.

2. The following gardens were maintained during the year under report :—

(*a*) Victoria Gardens.

(*b*) Elphinstone Circle Garden.

(*c*) Falkland Road Garden.

(*d*) Northbrook Garden.

(*e*) Sir Cawasji Jehangir Garden at Mahim.

(*f*) Bazar Gate Garden.

(*g*) Dicks Tank Garden.

(*h*) Malabar Hill Garden.

(*i*) Municipal Office Garden.

(*j*) Esplanade Band Stand Green.

3. The total number of visitors to the Victoria Gardens during the year under report was 1,618,724 as compared with 1,951,917 in the previous year. The large decrease in the number may be accounted for chiefly by the exodus of a large number of people from Bombay owing to many of the Cotton Mills in the City having suspended work partially or entirely during the year. It may also to some extent be due to there being a less number of band performances during the year and the levy of admission fees on certain days referred to in para. 13 below on which days the number of visitors being necessarily much less than on free days.

4. The difficulty of obtaining mallees and coolies still continues, especially during the dry season when there is a great demand for labourers on large works which are being carried out in the city.

5. All the roads were repaired and kept in good order throughout the year.

6. As there was not sufficient amount available from the grant for the construction of a piece of storm water drain urgently required near the Refreshment Room, the work was sanctioned to be carried out partly from the grant of the year and partly from that of the next year. The work, however, was not commenced before the end of the year.

7. Only 63 plants were supplied to the Executive Engineer for roadside planting, the latter officer having made arrangements to raise the plants required by him in his own nursery.

8. The three clumps of bamboos referred to in para. 11 of the last report as having flowered and seeded have all died during the year under report. No others have flowered yet.

9. The work of planting shrubberies with suitable plants and of planting out new shrubs, trees, etc., added to the garden collection, has been continued. Some of the old lawns which had gone bad were dug up and entirely renovated, and the vacant space around the new conservatory was laid out in lawns and suitably planted.

10. In the beginning of the year the Superintendent visited the gardens at Madras, Colombo, Peradeniya, Hakgala, Ootacamund and Bangalore, and selected and ordered a very large number of new plants for adding to the Garden collection. Only a part of those ordered,

however, were received during the year under report, which along with other new plants added to the collection are shown in Appendix A. attached to this report. The remaining have been promised but not supplied yet. The Superintendents of the State Gardens, Bangalore and the Royal Botanic Gardens, Peradeniya, Ceylon, supplied the plants free of charge, for which thanks are due to them.

11. Attempts were made during the year under report to have an artificial rockery for growing ferns and other suitable plants laid out inside the new conservatory referred to in para. 11 of the report for 1908-09, by a firm of specialists in this branch of work in England, but after a protracted correspondence it was found impracticable to do so, especially on the score of expense, and the rockery was therefore laid out by the Superintendent himself, which will be planted out during the next monsoon.

12. The band performances in the Victoria Gardens do not now attract such large numbers of visitors as they used to do in previous years, as besides the band performances inaugurated at the Esplanade Band Stand at Municipal expense since November 1909, there are performances given now almost every day of the week by turns at the various Gymkhana and places of recreation. The Bombay Electric Supply and Tramways Company have now discontinued the performances which they formerly used to give at their own expense at the Victoria Gardens, as for reasons stated above the performances do not now attract large numbers of visitors. They have, however, continued the favour of carrying the bandsmen to and from the garden free of charge in reserved cars, for which our thanks are due to them.

13. In accordance with the Corporation Resolution No. 5765 of 11th December 1908 and the sanction of Government accorded to it in General Department Resolution No. 59 of 7th January 1909, for the levy of fees for admission to the Victoria Gardens at the rate of annas 2 per adult and half anna per child, once a week, such day not being Saturday or Sunday, fees were charged for admission to the garden once a fortnight on Wednesdays with a band performance in the evening on those days, since the 10th October 1910. Ten such performances were given in all up to the end of the year. The total number of visitors on these ten days when admission fees were levied was 10,640 and the total amount realised from the fees was Rs. 1,201-5-6, averaging 1,064 visitors and Rs. 120 on each day. The object for which the levy of fees was proposed has not, however, been quite fulfilled for two reasons. In the first place any other day of the week except Saturday or Sunday is not quite convenient to people who have to attend to their work in the Fort up to late in the afternoon, to visit the garden which is situated in a rather out-of-the-way place at a distance from business quarters. Saturday once a fortnight would be a far more suitable day for the purpose. In the second place, as stated in para. 12 above, there are band performances now given at various places of recreation which are more convenient for business men to attend on the full working days of the week. Considering, however, that the day fixed for the levy of fees is not so convenient the result has been more successful than was anticipated, and in my opinion the change of day from Wednesday to Saturday once a fortnight is worth giving a trial to.

14. The band performances at the Esplanade Band Stand Green have, on the other hand, continued to be very popular, being crowded with visitors on band evenings.

15. The installation of 9 electric arc lamps for lighting the garden on band evenings, referred to in para. 14 of the last report, was completed during the year under report and has proved very convenient and successful.

16. As in the previous year no grants were again allotted for improvements in the Zoo and the garden, during the year under report, and the work has had therefore to be kept in abeyance. The renewal of the railing of the reserve deer enclosures and the construction of a new compartment for game birds from the balance of the improvement grants of previous years, referred to in para. 16 of the last report, were put in hand and completed during the year under report.

17. Elephant rides continue to be popular being taken by 5,219 adults and 10,497 children against 5,237 and 9,430 respectively, in the previous year. Owing to the causes mentioned in the last report the number of visitors taking camel rides is again small, being only 145 adults and 167 children against 219 and 283 respectively, in the previous year. The camel was unfit for rides on account of sores on its body for more than half the year.

18. The usual list of additions and casualties among the animals is given in Appendix B. of this report. Among the important additions may be mentioned a fine pair of tigers and a lion acquired by purchase, a Llama born in the garden, and a pair each of badgers and foxes and a few birds received in exchange from the Zoological Garden, Kyoto, Japan, which I had arranged for during my visit to that country last year. The Chief losses were a Sykes Monkey, a Ring-tailed Lemur, an African Civet Cat, a Himalayan Bear, a Malayan Bear, two

Wallabies, a Hornbill and a Cassowary from natural causes; a Ring-tailed Lemur, a Leopard, a Sambhar, a Mouse Deer, two Gazelles, two Wallabies and an Egyptian Monitor from accidents; a Black Leopard, a Spotted Deer and two Antelopes from anthrax; a Lesser Egret, a Black Ibis, a Reeve's Pheasant and storks, chiefly from fowl-cholera.

19. The Northbrook Garden and the Sir Cawasji Jehangir Garden at Mahim continue to be occupied with health camps. The Bandstand Green was weeded, levelled and manured, and new pipes and hydrants were laid for watering it properly. The Bandstand and the railing and benches were painted and gas lamps put up around the green as well as inside the Bandstand for proper lighting on band evenings. A part of the Bazar Gate Garden was taken up for the re-arrangement of the Tramway lines in its vicinity.

20. The Budget grants and the expenditure of the various gardens are given below :—

Name of Gardens.	Budget Grants.	Expenditure.			
		Rs.	a.	p.	
(*a*) Victoria Gardens	68,953	60,370	5	5	Amount to be paid for liabilities incurred in the year.
		3,750	11	2	
(*b*) Elphinstone Circle Gardens ...	1,708	843	7	7	Do. do. do.
		133	2	2	
(*c*) Falkland Road Garden	452	178	8	2	Do. do. do.
		43	1	3	
(*d*) Northbrook Garden	1,604	963	7	3	Do. do. do.
		49	4	2	
(*e*) Sir Cawasji J. Garden, Mahim...	652	222	2	9	
(*f*) Bazar Gate Garden	676	394	4	2	
(*g*) Dick's Tank Garden	382	211	4	8	
(*h*) Malabar Hill Garden	766	766	0	0	
(*i*) Esplanade Garden	6,494	6,634	15	3	
Total Rupees...	81,667	74,560	10	0	

I have the honour to be,

Sir,

Your most obedient servant,

C. D. MAHALUXMIVALA,

Superintendent, Municipal Gardens.

APPENDIX A.

LIST OF PLANTS ADDED TO THE COLLECTION IN 1910-1911.

Names of Plants.	From whom received.
Anodendron paniculatum	Purchased from the Agricultural and Horticultural Society, Madras.
Begonia vonosa	
Nyctocalos Thomsoni	
Chiococca racemosa	
Congea tomentosa	
Couroupita guianensis	
Gouania domingensis	
Hoya carnosa variegata	
Ipomœa bryonifolia	
Lonicera Leschenaultii	
Passiflora Buonapartea	
Rhopalobiaste hexandra	
Vernonica elœagnifolia	
King pine	
Queen pine...	
W. Indian pine	
Canna Mrs. Kate Gray	
Aglaonema marantifolium	Purchased from the Botanical Gardens, Singapore.
Allamanda violacea	
Asplenium squamulatum	
Asystasia coromandeliana	
Beloperone oblongata	
Calamus angustifolia	
Heterospathe elata	
Kentia Sanderiana	
Malortiea fenestrata	
Bromheadia palustris	
Cirrhopetalum Medusæ	
Cœlogyne Cumingii	
Do. Rochusseni	
Cymbidium Finlaysonianum	
Gramnatophyllum speciosum	
Platyclinis latifolia	
Sapthoglottis plicata	
Ixora macrothyrsa	
Carludovica (Ludovia) crenata	
Neponthes Rafflesiana	
Palisota Barteri	
Solanum maroniense	
Eynometra cauliflora	
Marsilea sp.	Presented by Mr. J. F. Dastoor, Bandra.
Wolffia arrhiza	
Areca concinna	Purchased from the Agricultural and Horticultural Society of India, Calcutta.
Do. triandra	
Calamus leptospadix	
Do. sp.	
Pinanga Curtisii	
Do. Manii	
Barleria variegata	
Thrinax excelsa	
Brunfelsia calycina	In exchange from the Botanical and Forestry Department, Hongkong.
Ligustrum japonicum	
Pandanus graminifolius	

APPENDIX A.—*Continued.*

Names of Plants.	From whom received.
Tecoma Lindleyanum	In exchange from the Botanical and Forestry Department, Hong Kong.
Wistaria chinensis	
Monochosma riparium	
Santolina Chamæcyparissus	
Agapanthus variegated	
Kniphofia aloides	
Phormium tenax	
Sprekelia formosissima	
Cyrtanthus luteseens	
Do. Mackenii	
Amaryllis Belladonna	
Philadelphus coronarius	
Mesembryanthemum sp.	
Mandevillea suaveolens	
Laurus nobilis	
Begonia haageana	
Do. metallica	
Tecoma rosea	
Spiræa peruviana	
Do. medica	
Do. bella	
Do. betulifolia	
Cerasus (Prunus) Laurocerasus	
Primopia utilis	
Morma iridioides	
Dierama (Sparaxis) pulcherrima	
Cestrum elegans (Hugelii)	
Hypericum patulum	
Lonicera sp.	
Pentstomon mauve	Purchased from the Government Botanical Gardens, Ootacamund.
Clove pink	
Rose Crimson Rambler	
Sedum sp.	
Phædranassa aurantiaca	
Olivia minata	
Impatiens Hookeriana	
Hypericum patulum	
Gazania splendens	
Acanthus candelabrum	
Hymenocallis calathina	
Do. virescens	
Bomarea sp.	
Sempervivum sp.	
Phyllocactus sp.	
Miscanthus nepalensis	
Begonia fuchsioides	
Coilette ferox	
Rehmannia angulata	
Agrostemma coronaria (red)	
Do. do. (white)	
Acacia melanoxylon	
Do. dealbata	
Yucca aurea	
Saxifraga sp.	
Tritonia (Montbretia) crocosmiflora	
Shuttlecock daisy	
Nilgiri Orchids	

APPENDIX A—*Continued.*

Names of Plants.	From whom received.
Ligustrum japonicum	
Vitex cuneatum	
Clerodendron Dumpii	
Pandanus Veitchii	
Bougainvillea (pink)	
Sabinea cordalis	
Browneа grandiceps	
Peperomia metallica	
Geum pallidum	
Potentilla argentea	
Litsea (Tetranthera) laurifolia	
Do. villosa	
Agave Woodrowii	
Plumeria alba	
Begonia sp.	
Dracæna arborea	
Aloe striata	
Do. arborescens	
Do. ora	
Eucalyptus gigantea	
Spiræa bella (expansa)	
Do. Lindleyana	
Maranta insignis	In exchange from the Government Botanical Gardens, Ind Bag, Bangalore.
Lonicera segreziensis	
Pineapple Queen	
Do. Red Ripley	
Do. Smooth Cayenne	
Do. do. Green	
Adiantum cuneatum grandiceps	
Do. cuneatum	
Do. Wagneri (decorum)	
Opuntia striata	
Do. Ficus-indica	
Do. robusta	
Do. elongata	
Do. strepiacantha	
Do. Labourtiana	
Do. homejocarpus	
Agave polyacantha	
Do. lophantha	
Do. ferox	
Do. atrovirens (Salmiana)	
Do. americæ	
Do. rigida	
Do. virginica	
Do. expansa	
Nymphæa sp.	In exchange from the Royal Botanical Gardens, Calcutta.
Do. sp. (yellow)	
Nepholium Longana	
Do. lappaceum	
Lansium domesticum	
Aboria Gardneri	
Artocarpus nobilis	In exchange from the Royal Botanical Gardens, Peradeniya, Ceylon.
Mammea americana	
Sideroxylon dulcificum	
Cynometra cauliflora	
Sophora violacea	
Elæocarpus serratus	

APPENDIX A.—*Continued.*

Names of Plants.	From whom received.
Kickxia elastica	In exchange from the Royal Botanical Gardens, Peradeniya, Ceylon.
Strophanthus hispidus	
Nephrosperma Van-Houtteana...	
Metroxylon lævis	
Eugenia uniflora	
Beloperone oblongata	
Ruellia rosea	
Amaryllis sp.	
Cuphea micropetala (Jorullensis)	
Mussænda erythrophylla	
Heliconia brasiliensis	
Do. aurantiaca (brevispatha)	
Moræa iridioides	
Pothos discolor	
Schismatoglottis neoguineensis	
Punica granatum, Kabul Bedana	*In exchange from Mr. Isvarchandra Gaba, Jamalpore.*
Do. do. Patna...	
Allspice, 1st sort	
Piper Cubeba (Chavica officinarium)	
Cinnamon, 1st sort	
Do. 2nd do.	
Dipterocarpus turbinatus	
Ferula Assafœtida	
Pankappur...	
Patibet (Mat Cane)	
Pitraj (Indian Oil-tree)	
Ficus Balkala (Bark-tree)	
Laurus cassia, Tezpat	
Nephrosperma Van-Houtteana	
Chamærops gracillis	
Eucalyptus macrorhyncha	Seeds received in exchange from the Director, Botanical Gardens, Melbourne.
Do. pilularis	
Do. platypus	
Do. punctata	
Do. rudis...	
Acœlorrhaphe Wrightii var. hondurensis	Seeds received in exchange from the Director of Agriculture, Botanical Gardens, Buitenzorg, Java.
Acœlorrhaphe Wrightii	Seeds received in exchange from Dr. Y. Fujine, Director of the Government Experiment Station of Agriculture, Formosa, Japan.
Acacia Richii	
Canarium album	
Liquidambar formosana...	
Cinnamomum Camphora	
Sapium sebiferum	
Dendrobium crepidatum...	Purchased from Mr. Shariff Shah, Imphal, Assam.
Do. crassinode	
Do. Falconeri	
Do. devonianum...	
Do. infundibulum	
Do. wardianum	
Do. brymerianum var. histrionica	
Do. cretaceum	
Do. densiflorum	
Do. fimbriatum	
Do. ochreatum	
Do. chrysanthum	
Do. chrysotoxum	

APPENDIX A.—*Concluded.*

Names of Plants.	From whom received.
Phaius (Thunia) Marshalliæ	Purchased from Mr. Shariff Shah, Imphal, Assam.
Do. grandifolius	
Vanda cœrulea	
Do. cœrulescens	
Do. Stangeana	
Renanthera Imschootiana	
Arundia bambusæfolina	Purchased from the Curator, Basin Botanical Gardens, Basin.
Ærides Vandarum	
Cypripedium hirsutissimum	
Solanum sp. (Ornamental fruited)	Seeds presented by Mrs. Deakin, Bombay.
Musa sapientum var. Mutheli	Purchased from the Curator, Basin Botanical Gardens, Basin.
Do. do. do. Lal Velchi	
Do. do. do. Bankel	
Do. do. do. Safet Velchi	
Do. do. do. Karanjeli...	
Do. do. do. Mhaskel	
Do. do. do. Govegiri	
Do. do. do. Kanher	
Do. do. do. Sahasrafali	
Do. do. do. Mutheli-South Konkan ...	
Do. do. do. Raswel	
Do. do. do. Red	
Do. do. do. Rajeli	

C. D. MAHALUXMIVALA,

Superintendent, Municipal Gardens.

APPENDIX B.

List of increase and decrease of animals in the Victoria Gardens during 1910-11.

A.—The following were added to the collection during the year under report :—

BY PRESENTATION.

1	Four-horned Antelope	Presented by Mrs. E. Chandler.
1	Indian Antelope	" " " Curry.
1	African Civet Cat	" " Messrs. Cowasji Dinshaw & Bros., Aden.
1	Dog-faced Baboon	" " Mr. D. McArthur.
2	See-See Partridges	" " The Bombay Natural History Society.
3	Leopard Cubs	" " Mr. J. L. Rice, I. C. S.
1	Egyptian Lizard	" " " D. Wilson.
1	Himalayan Bear	" " " R. N. Aylward.
1	Leopard Cub	" " Messrs. Cowasji Dinshaw and Bros., Aden.
1	Do.	" " H. B. Sir George Clarke, K. C. M. G., G. C. I. E.
3	Muscovie Ducks	" " Mr. W. H. Nicholson.
1	Nilgai	" " " C. W. Marchant.
2	Leopard Cubs	" " Mrs. M. M. Crawford.
1	Young Nilgai	" " " S. Richardson.
1	Indian Gazelle	" " Capt. G. Lumsden, R. N.
1	Indian Antelope	" " Mr. P. G. Singani.
1	Uryal	" " Messrs. L. Rosenthal and Freres.
1	Gazelle	
2	Small Indian Civet	" " Mr. E. C. Canty.
1	Brahminy Duck	" " Mrs. A. P. Brewin.
1	Indian Antelope	" " Mr. K. B. Mazagaonwalla.
12	Pigeons	" " " S. Belgrami
1	Indian Squirrel	" " Mrs. M. L. Guider.

BORN IN THE GARDENS.

4	Indian Wolves.	1	Indian Gazelle.
2	Nilgais.	1	Llama.
7	Indian Antelopes.	1	Black-tailed Wallaby.
3	Spotted Deer.		

BY PURCHASE.

1	Lion.	1	Painted Stork.
2	Tigers.	9	White Storks.
1	Leopard.	3	Reeve's Pheasants.
2	Ornamental Lories.		

BY EXCHANGE.

2	Japanese Foxes.	From the Director, Zoological Garden, Kyoto, Japan.	2	White-necked Cranes.	From the Director, Zoological Garden, Kyoto, Japan.
2	" Badgers.		2	Gold Pheasants.	
3	Mandarin Ducks.		2	Silver do.	
4	Wild Ducks.		1	Japanese Pheasant.	
1	Japanese Crane.				

B.—The following were among those that died during the year under report :—

1	Sykes Monkey.	4	Wallabies.
1	Abyssinian Baboon.	1	Piping Crow.
3	Mongoose Lemurs.	1	Ground Hornbill.
1	Leopard.	1	Japanese Crane.
5	Leopard Cubs.	1	Lesser Egret.
1	Black Leopard.	1	Black Ibis.
1	Himalayan Bear.	1	Painted Stork.
1	Sloth Bear.	4	Whitenecked Storks.
1	Malayan Bear.	1	Japanese Pheasant.
1	African Civet Cat.	1	Reeve's Pheasant.
1	Sambar Deer.	1	Gold Pheasant.
1	Spotted Deer.	1	Cassowary.
1	Mouse Deer.	1	Egyptian Monitor.
2	Gazelles.	2	Ring-tailed Lemurs.
4	Indian Antelopes.		

C. D. MAHALUXMIWALA,
Superintendent, Municipal Gardens.

M—VICTORIA AND ALBERT MUSEUM.

REPORT OF THE CURATOR AND SECRETARY, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. 57, DATED 12TH MAY 1911.

SIR,

I have the honour to submit the following Annual Report of the Victoria and Albert Museum for the year ending 31st March 1911.

2. The following table gives the comparative attendance of visitors to the Museum during the years 1908-09, 1909-10 and 1910-11 :—

Years.	No. of days the Museum was open.	Total No. of Visitors.	Daily average.
1908-1909	313	8,82,493	2,820
1909-1910	305	9,38,951	3,078
1910-1911	312	7,61,722	2,442

The falling-off in the total number of visitors to the Museum is difficult to account for, but may be partly due to the fact that a great number of pilgrims from the Northern and Southern portions of the country passed through Bombay during the year 1909-10 on their way to Nasik, and during their stay in the city visited the Museum and thus helped to augment the total of that year. During the year under review the number of pilgrims has been less, but it is difficult to suppose this can account for so large a falling-off. Every afternoon upon which I have visited the Museum it has been very crowded, and I had anticipated an increase in the number of visitors over the figures of last year or at least the maintenance of the increase that year showed over 1908-09. I am testing the state of the turnstiles to see if they register properly.

The Museum building.

3. During the year under report but little progress has been made with the painting of the walls and the repairs to the ceiling of the Museum. Both these works have now been taken in hand and will be finished before the submission of my next report. Their completion will enhance the safety and add to the attractiveness of the Museum and its contents.

General Equipment.

4. With the consent of the Commissioner a considerable number of old cases were removed from the Museum. These were very cumbersome in design and greatly impeded the free circulation of visitors. Their removal has enabled me to give more space between the modern cases added to the Museum during the last few years, to the great convenience of the Public, and more effective exhibition of the specimens the cases contain.

Natural.

5. In the Natural History section of the Museum the following work was done during the year under report.

The specimens of Corals and Reptiles were all identified and labelled.

The two specimens of an African Lion and Lioness, already reported to have been mounted by Messrs. E. Gerrard and Sons, Taxidermists, London, have been set up and are now exhibited in a large case. They are shown in the midst of their natural surroundings and the whole group is proving extremely attractive to all classes of visitors.

The case containing the specimens of the American Bison was renovated and its contents repainted and re-arranged ; the case containing the specimens of Pheasants being similarly dealt with and the specimens identified and labelled.

A new group comprising specimens of an Indian Leopard and its young was prepared and has proved a very popular addition to the Museum.

From among the animals that died in the Victoria Garden and were received at the Museum, three specimens were preserved in spirits of wine, and the rest skinned and the skins cured. A specimen of a Black Indian Panther was set up and mounted by Mr. Crump, a trained taxidermist, and as soon as the back ground and the details of its surroundings have been completed, I propose to exhibit it in a case similar to those already on view in this section of the Museum.

A series of thirty coloured plates depicting the different varieties of Indian Ducks was purchased from the Bombay Natural History Society. These plates have been framed and now hang upon the walls of the Museum, and their number will be added to from time to time as far as the limited wall space will permit.

Specimens of silk worms have been bred in the Museum, and now the moths with Eri Silk Cocoons are exhibited in the Museum in a case showing all the processes of silk culture and its products.

Archæology.

6. A plaster cast of the casket said to have contained the relics of Gautama Buddha, recently unearthed near Peshawar, was purchased from the School of Art, Lahore, and is now exhibited in this section. A short history of the original casket has been drawn up to explain its historic interest.

A specimen of a Burmese goddess captured in the last Burmese War by Captain George Nesbitt was presented to the Museum by Mrs. Foxwell.

Through the kindness of Mr. Vernon F. Bayley, I was able to take six copies of photographs of certain views of Old Bombay from prints collected by his father, the late Mr. Justice L. H. Bayley, some time Judge of the High Court, Bombay, and I am applying to the Committee of the Byculla Club for permission to copy photographs from the album of views of the city in their possession. I am also making inquiries with a view to collecting photographs, drawings and prints from other sources and so forming as complete a series of views of the city as it was in the past as can be made.

From Cambay photographs of the Old Factory of the East India Company, which at present is used as a Guest-House, and of the Old Burial Ground of the English, have also been procured.

I propose to have all these photographs framed and put up in a separate section of the Museum.

Art & Industry.

7. The specimens of Carpets which were purchased from the School of Art, Bombay, were put up on the walls of the Museum. A few of these specimens were lent to the Principal of the School, for the purpose of exhibiting them in the Bombay Section at the last Allahabad Exhibition.

The specimens of Copper, Brass, Koftgari and other articles have been re-arranged and labelled.

The collection of Lacquerware has also been re-arranged according to the different classes of the Industry as carried on in India. A descriptive account of the manner in which the Industry is conducted and the processes employed from the lac resin as found in a natural state to the production of the finished article is attached to the case.

The collection of agates already in the Museum is being arranged in a like manner and will be completed during the present year. For this purpose I have had photographs taken at Cambay of the different processes and have secured specimens of implements used by the craftsmen in their work. When completed this will be an interesting record of an industry which is in danger of extinction.

A valuable specimen of Bone and Ivory work in the form of an apron used by the Buddhist Lamas in Lhassa was purchased at a cost of Rs. 300 and added to the collection of Ivory specimens.

A case showing the Cocoanut Industry as at present carried on in the Western parts of the country has been prepared by Mr. K. R. Rane of Juvem. Numerous models showing the different products of the cocoanut palm and the processes employed in each separate industry have been prepared and are combined in a single case, which should prove both attractive and instructive.

General.

6. In the Ethnological section of the Museum more models in clay of figures representing the different castes in the Presidency were made and exhibited.

A complete outfit of a chandul or opium smoker was presented to the Museum by Mr. S. D. Smith, B.A., Assistant Collector of Excise. Mr. Smith has also sent a short description of the manner in which the different articles comprising the outfit are used.

In the section of Mythology, new figures showing the representatives of the chief gods of the Hindu Pantheon were made, and with those previously in the collection have been placed in a case specially prepared to receive them, and the collection is now complete. A short sketch of the attributes of these gods is under preparation and when completed will be printed and attached to the case.

I have procured some sixty-six brass stamps used by the Hindus for making the Sectarian marks used to denote the sect to which the wearer belongs. These were secured through the agency of the Assistant Curator of the Muttra Museum and cost about Rs. 88. They include stamps used by the Shivites, Vaishnavites and other sects found throughout the country. These together with the impressions taken from them and accompanied by a short printed description regarding their use have been put into a case specially prepared for them.

I have commenced to make a collection of Rosaries used by the Hindus, Buddhists, Mohammedans and Roman Catholic Christians in India. For this purpose the rosaries used by the Hindus have been already purchased, while those used by the Roman Catholic Christians were collected and presented by the Curator, who purchased them when he was in Goa at the time of the exposition of the body of St. Francis Xavier. Mr. Stone, Chief Officer of the P. & O. R. M. S.S. "Arcadia," was also good enough to get some rosaries used by the Buddhists in China and has presented them to the Museum. The rosaries used by the other communities will now be purchased and the whole collection suitably exhibited in a case with a short treatise on the subject.

Fourteen Indian Army War Medals with their clasps were presented by the Secretary to the Government of India, Army Department, and these with the proper ribbons have been added to the collection already in the Museum which is now complete.

Geology.

9. Mr, H. M. Page, to whom the work of identifying and cataloguing these specimens was entrusted, completed his work of identification, but did not prepare the catalogue. This work will now have to be departmentally done, as I understand Mr. Page has left India.

Mr. F. H. S. Stone, Chief Officer, S.S. "Arcadia," has presented the Museum with a valuable collection of British and Indian Fossils. Of these, sixteen are Indian Fossils found chiefly in Bombay and the remaining three hundred and fifty are found in Great Britain. These are all identified and labelled. Mr. Stone has also kindly identified some twenty-five fossils, which were already in the Museum collection.

The Museum Library.

10. The following books were purchased for the Museum :—

Oriental Races and Tribes, Vol. II, Catalogue of Indian Coins in the British Museum, Catalogue of Ancient Coins in the British Museum, Modern India and the Indians, Moore's Hindu Pantheon, Monier William's Buddhism, Insecta Transvaliensia, Pt. X, and Genera Insectorum, Vols. 93 to 99.

The following books were presented by the Bombay Government :—

Talbot's Forest Flora and Mr. S. M. Edwardes' "Gazetteer of the Bombay City and Island."

Printing Press for labels.

11. As the former method of writing or typing labels in the Museum was found to be unsatisfactory, it was proposed to have the labels printed, as is done in every well-managed Museum. For this purpose a small Hand-Press was bought. A temporary assistant was engaged to start the press, and the work is now progressing rapidly. It is hoped to complete it during the course of the present year. The introduction of printed in the place of written or type-written labels has greatly improved the appearance of the cases, and as spare copies of each label are printed and stocked, discoloured or damaged labels can be easily and rapidly replaced.

I have the honour to be,
Sir,
Your most obedient servant,
CECIL L. BURNS,
Curator and Secretary.

ANNUAL REPORT OF THE GENERAL STORES DEPARTMENT FOR THE YEAR 1910-11.

(Report of the Storekeeper submitted with his No. 1572 of 25th May 1911).

1. I have the honour to submit herewith the Annual Report of the Central Stores for the year 1910-11.

2. During the year the new office for the clerical establishment was completed and taken over. The office affords sufficient accommodation for the staff and is a very great improvement on the old arrangement of having the establishment cooped up in a portion of the store godowns.

3. The chowkidars at the B. B. pipe depot have also been provided with huts, these are however very small, but from a sanitary point of view are a great improvement upon the conditions under which they lived formerly.

4. The store yard has been divided by a wire fencing, thus giving the Maintenance Branch, Water Works, a fence in portion of their own.

5. The west side of the store yard is still in a very unprotected state, but the question of acquiring the land adjoining is under consideration, and if acquired would not only afford protection to the store yard, but would also enable the stores at the B. B. pipe depot being stored here. The pipe depot is also in a very unprotected state and stock stored there could be stored on the ground proposed to be purchased where they would be under better supervision than at present.

6. The attached list of annual contracts were entered into during the year under report.

7. The attached list of important contracts were also entered into during the year.

8. The attached list of quotations for stores were also called for.

9. The value of serviceable stock on the 31st March 1911 was Rs. 3,46,154-10-7 as compared with that at the end of the previous year, *viz.*, Rs. 4,61,821-8-0, being an increase of Rs. 3,702-6-9, under certain heads, and a decrease of Rs. 1,19,369-4-2, under other heads, resulting in a net decrease of Rs. 1,15,666-13-5.

The decrease is due principally to the Water Works Special Stores which were purchased in previous year having been used up on special works.

10. The value of surplus and obsolete stores on the 31st March 1911 was Rs. 43,086-12-0, as compared with Rs. 45,050-8-5, for the previous year being a decrease of Rs. 1,963-12-5.

11. The attached statement shows the value of stores purchased and issued during 1910-11, and the balance in hand on the 1st April 1911, according the ledgers of this department.

12. During the year under review the Water and Drainage Engineers recommended the disposal by auction sale of new and second-hand and surplus stores of the aggregate value of Rs. 41,152-12-5, but so far the sale has not been sanctioned.

I have the honour to be,

Sir,

Your most obedient servant,

J. LACEY,

Storekeeper.

ANNUAL CONTRACTS.

SCHEDULE Nos. 1 TO 56.

Serial No.	Names of Firms.	Articles of Supply.
1	Messrs. Hasanalli Adamji & Co.	Miscellaneous and hardware stores.
2	,, Richardson & Cruddas	Iron castings.
3	Mr. Sorabji Hormasji Wadia	Timber.
4	Do. do.	Benteak and Calicut logs.
5	Messrs. Abdulali Karimbhai & Co.	Water-proof coats.
6	,, Bhawoo Kashinath & Co.	Do. Umbrellas.
7	,, Do. do.	Oil, kerosine, Sun Brand, 125°.
8	The Standard Oil Co., Ltd.	Do. American, 150°.
9	Messrs. Manji Hirji & Co.	Oil, cocoanut.
10	,, Keshavji Jadhavji & Co.	Oil, castor and sweet.
11	,, Bhawoo Kashinath & Co.	Cotton waste, white and coloured.
12	The Vaccum Oil Co.	Oil, mineral, shafting, lubricating, &c.
13	Messrs. D. R. Umrigar & Co.	Oil, linseed and spirit of turpentine.
14	,, Macbeth Brothers	Grease axle, mineral.
15	,, Hasanalli Adamji & Co.	Canvas hose, Europe.
16	,, Turner Hoare & Co.	Do. 2½ inches.
17	,, Balmer Lawrie & Co.	India-rubber flaxen, hose, 2½ inches.
18	,, D. R. Umrigar & Co.	Gun metal and copper scrap.
19	,, Garlick & Co.	Lead pig.
20	,, Hasanalli Adamji & Co.	Lead sheet and water pipes.
21	,, Do. do.	Tin block and white metal.
22	,, Mulji Haridas & Co.	Iron and steel bars and plates.
23	,, Hasanalli Adamji & Co.	Buckets galvanized.
24	,, Do. do.	Hoes (Powras, iron), Europe.
25	,, Do. do.	Chain iron.
26	,, Do. do.	Firewood and charcoal.
27	,, Do. do.	Brooms, Goa and date.
28	,, Bhawoo Kashinath & Co.	Baskets, cane and bamboo.
29	,, Hasanalli Adamji & Co.	Leather hides.
30	,, Do. do.	I. R. sheet and washers for Morris couplings.
31	,, Bhawoo Kashinath & Co.	Soap, Europe and country.
32	,, Hasanalli Adamji & Co.	Lamps, hurricane and globes.
33	,, Bhawoo Kashinath & Co.	Wicks for lamps and tape, cotton.
34	,, Hasanalli Adamji & Co.	Nose strings, cotton, for bullocks.
35	,, Do. do.	Smoke testers.
36	,, Bhawoo Kashinath & Co.	Shoes and nails, iron, for bullocks.
37	,, Hasanalli Adamji & Co.	Line coir.
38	,, Do. do.	Rope coir.
39	,, Abdulali Karimbhai & Co.	,, hemp, old for torch, light.
40	,, Hasanalli Adamji & Co.	,, Manilla, best.
41	,, Do. do.	,, cotton and line log, country.
42	,, Do. do.	Yarn hemp and yarn spun.
43	,, Wilkinson Heywood and Clerk ...	Paint of sorts.
44	,, Bhawoo Kashinath & Co.	Shellac Bengal, best.
45	,, Hasanalli Adamji & Co.	Tar or pitch coal, Europe.
46	,, Macbeth Brothers & Co.	Files of sorts.
47	,, Hasanalli Adamji & Co.	Nails and screws, iron.
48	,, Do. do.	Bolts and nuts, iron.
49	,, Do. do.	Rivets and washers, iron.
50	,, Do. do.	Packing karmal.
51	,, Do. do.	Packing asbestos and tucks patent.
52	,, Do. do.	Pipes and fittings, galvanized.
53	Mr. B. R. Soman	Shafts wooden, bhendy.
54	Messrs. Hasanalli Adamji & Co.	Copper ball valves.
55	,, Do. do.	Cloth dungri.
56	,, Bhawoo Kashinath & Co.	Cumblees woollen.

SPECIAL CONTRACTS.

Serial No.	Names of Firms.	Articles of Supply.	Approximate Value. Rs.	a.	p.
1	Messrs. Thompson Taylor & Co.	Izal disinfectant ...	12,435	0	0
2	„ W. Crowder & Co. ...	Dicks Canvas Balata Belting ...	1,162	8	0
3	The Bombay Gas Co. ...	Distilled Coal Tar ...	12,500	0	0
4	Mr. Adamji Shaik Samsoodin ...	Half round teakwood sleepers ...	726	0	0
5	Messrs. Turner Hoare & Co. ...	Deacon's Meter ...	4,080	0	0
6	The Asiatic Petroleum Co. ...	Pesterine ...	8,000	0	0
7	The Universal Agency & Co. ...	4" Stoneware Pipes ...	625	0	0
8	Messrs. Hasanalli Adamji & Co...	Clothing to different Hospitals ...	5,900	0	0
9	„ John Fleming & Co. ...	Double diaphragm pump ...	682	12	0
10	The India Rubber, Gutta-percha Telegraph Works, Ltd.	I. R. Valve Faces ...	2,421	11	0
11	Messrs. Hasanalli Adamji & Co...	165 pairs of boots and 96 pairs of putties.	814	8	0
12	„ John Fleming & Co. ...	Leather Washers ...	1,118	12	0
13	„ „ „ ...	Positive Water Motors ...	18,631	13	2
14	„ Babcock Wilcox, Ltd. ...	Seamless Boiler Tubes ...	702	0	0
15	„ Garlick & Co. ...	Positive Water Motors ...	21,206	0	0
16	The Asiatic Petroleum Co. ...	Pesterine ...	8,000	0	0
17	Messrs. Hasanalli Adamji & Co...	Half round teakwood sleepers ..	5,750	0	0
18	„ Bhawoo Kashinath & Co.	6" S. Ware Pipes ..	859	6	0
19	„ Abasbhai Abdulali ...	6" Do.	4,218	12	0
20	„ Balmer Lawrie & Co. ...	Hydrant Castings	2,531	4	0
21	„ Turner Hoare & Co. ...	Cement Portland	21,500	0	0
22	„ Bradbury Brady & Co. ...	Red Grey Non-Kinkable Rubber Hose.	1,230	0	0
23	„ Richardson & Cruddas ...	9" S. W. Pipes ...	2,125	0	0
24	„ „ „ ...	S. W. Pipes and fittings .	2,332	13	0
25	„ Bradbury Brady & Co. ...	Brad Valve Faces ...	2,187	8	0
26	„ Ewart Latham & Co. ...	Bristol Recording pressure gauges	1,437	0	0
27	„ Turner Hoare & Co. ...	C.I. Pipes, 5", 6", 9", 10", 12" & 15".	42,052	0	10
28	The Universal Agency & Co. ...	S. W. Pipes and Junctions ...	3,220	8	4
29	Messrs. Balmer Lawrie & Co. ...	9" C. I. Pipes ...	1,917	8	0
30	„ „ „ ..	Merryweather Dub-Sub hose 2½".	1,025	0	0
31	„ Richardson & Cruddas ..	C. I. Cattle troughs ...	1,802	0	0
32	„ Balmer Lawrie & Co. ...	Fire Brigade Appliances ...	69,497	8	0
33	„ Richardson & Cruddas ...	Stone-ware & C. I. Fittings	1,030	0	0
34	„ Macbeth Brothers & Co	Double Valve Hydrants	3,550	0	0
35	„ The Asiatic Petroleum Co.	Pesterine ...	8,000	0	0

SPECIAL QUOTATION.

1	Bassa Broom Ribs	12 Cwts.
2	Stoneware Gully traps	4 Dozs.
3	Short Kashmir Water Proof Coats	15 Nos.
4	Brushes hand, with wire on one side and fibre on the other ...	15 Nos.
5	Diagram forms	5,000 Nos.
6	1" Kelvin's Taps	59 Nos.
7	Stoneware and C. I. Fittings	175 Nos.
8	Stoneware Gully Traps, 6" × 4"	48 Nos.
9	" " " 6" × 4" and 9" × 6"	30 Nos.
10	Platform weighing machine	1 No.
11	1½" W. I. Bends	50 Nos.
12	Stoneware T. Junctions, 6" × 6"	45 Nos.
13	6" S. W. Pipes and 6" × 6" Saddle Junctions	500 Nos.
		50 Nos.
14	Mica Non-conducting composition	10 Cwts.
15	Pipe tongs, steel, with chain	12 Nos.
16	Solid drawn brass tubes	8 Nos.
17	Drills steel, with taps	42 Nos.
18	Bassa Broom Ribs	12 Cwts

Particulars.	General Stores.	Surplus and Obsolete Stores.	Line Suspense Account.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores in hand on 1st April 1910	4,61,821 8 0	45,050 8 5	1,20,987 3 5	6,27,859 3 10
Value of Stores receipts including transfers during 1910-11.	5,25,874 1 4	271 15 9	328 6 7	5,26,474 7 8
Total Value ... Rs. ...	9,87,695 9 4	45,322 8 2	1,21,315 10 0	11,54,333 11 6
Less—				
Value of Stores issued including transfers during the year 1910-11.	6,41,630 6 0	2,235 12 2	2,583 12 11	6,46,449 15 1
Balance ...	3,46,065 3 4	43,086 12 0	1,18,731 13 1	5,07,883 12 5
Add—				
Discrepancies adjusted as per Clause 29 of the Stores and Stores Manual against rate adjustment Account ..	89 7 3	....	.....	89 7 3
Value of Stores on the 1st April 1911	3,46,154 10 7	43,086 12 0	1,18,731 13 1	5,07,973 3 8

LICENSE DEPARTMENT.

REPORT OF L. W. MICHAEL, ESQ., SUPERINTENDENT OF LICENSES FOR THE YEAR 1910-11 SUBMITTED UNDER No. 2839, DATED 29TH MAY 1911.

I have the honour to submit my annual report for the year 1910-11.

I held office during the whole year. I am glad to be able to report on the eve of my transfer as Superintendent of Markets, an increase in the revenue from Rs. 85,371 to Rs. 87,806-8-0 as per lists A. & B. forwarded herewith. This gives an increase of Rs. 2,806-8-0 on the Budget estimate and of Rs. 2,435-8-0 on the collection for the preceding year.

The revised By-laws in respect of Milch Cattle Stables are still under consideration and in like manner are the By-laws in respect of Horse and Bullock Stables.

Action is being taken to close insanitary stables. Those under action at present are the two stables at Forjett Street. The stable at Arthur Road has been closed. The amendment of Section 394 has been before Government and I am glad to be able to report that the bill in this respect as well as in respect of other sections has passed through its second reading. The new law regulates the licensing of Bakeries, Aërated Water factories and Cowdung cake manufacturers. It also gives relief in certain cases by allowing the storage of certain articles without a license up to a certain limit.

The number of prosecutions conducted during the year against persons carrying on trades, subject to licenses, without licenses, and for infringing the conditions of licenses, amounted to 2,307. The total fines amounted to Rs. 3,965 as against Rs. 2,200-4-0 in the previous year.

My staff worked satisfactorily during the course of the year and I desire to place on record my appreciation of the hard work they have done.

A

Yearly total of License fees recovered during 1910-1911.

No. of Licenses issued.	Nature of Trade.	License fees.	
		Rs.	a.
1	Bones	20	0
9	Bricks (Manufacturing) (H. M.)	90	0
5	Candles do.	125	0
2	Catgut	30	0
413	Charcoal	3,381	0
251	Chemical preparations	3,490	0
57	China grass	70	0
136	Coal and coke	2,320	0
35	Cocoanut fibre, Flax, Hemp, Jute or Tow	675	0
58	Cotton (storing, pressing, etc.)	1,805	0
199	Cotton refuse, seed or waste	4,835	0
1,166	Carried over ...	16,841	0

Yearly total of License Fees recovered during 1910-1911.—*continued.*

No. of Licenses issued.	Nature of Trade.	License fee.	
		Rs.	a.
1,166	Brought forward ...	16,841	0
169	Cloths in Indigo and other colors (H. P.)	1,695	0
9	Do. do. (M. P.)	390	0
38	Dammer, Tar or Pitch	740	0
1	Dynamite	50	0
36	Fat and Tallow	540	0
8	Fins (Dried)	120	0
29	Fish (do.)	695	0
129	Fireworks (Retail)	645	0
16	Do. (Wholesale)	625	0
212	Firewood (Retail)	424	0
805	Do. (Wholesale)	8,665	0
2	Gas (Manufacturing)	100	0
19	Gunpowder (Retail)	95	0
2	Do. (Wholesale)	100	0
2	Hair	30	0
157	Hay, Straw and Grass	3,295	0
9	Hides and Skins (dried)	135	0
39	Do. (raw)	4,500	0
25	Horns and Hoofs	525	0
1,289	Kerosine oil (retail)	6,445	0
43	Do. (wholesale)	1,865	0
26	Lime for burning (lime kiln)	1,300	0
603	Matches (retail)	789	0
32	Do. (wholesale)	1,680	8
1	Do. (Bengal lights)	50	0
158	Metals (casting)	2,225	0
110	Oil (ghanis) mills	830	0
5,135	Carried over ...	55,394	8

Yearly total of License Fees recovered during 1910-1911.—*concluded.*

No. of Licenses issued.	Nature of Trade.	License fee.	
		Rs.	a.
5,135	Brought over ...	55,394	8
7	Oil (mills) prepared by M. P.	240	0
296	Do. (storing)	5,075	0
1	Paper (manufacturing)	15	0
58	Permits under sect. 390	1,450	0
1	Petroleum (Non-dangerous) retail (under Petroleum Act)	5	0
48	Do. (dangerous) (do.)	145	0
20	Pottery (manufacturing)	100	0
5	Rags	75	0
4	Rangoon or Burmah Oil	35	0
9	Rosin	45	0
21	Saltpetre	105	0
16	Silk (dyeing)	80	0
18	Soap (manufacturing)	270	0
33	Sugar Refineries	825	0
53	Sulphur (retail)	265	0
14	Do. (wholesale)	210	0
60	Stables for Horses	2,860	0
79	Stables for Milch Cattle	6,405	0
50	Do. Bullocks	855	0
1,036	Timber	9,836	0
116	Turpentine (retail)	580	0
21	Do. (wholesale)	315	0
42	Waste paper	42	0
30	Whistles (steam)	300	0
63	Wool	1,715	0
294	Renewal of Permits (under Sect. 390)	294	0
7,530	Total... Rs.	87,536	8

B

Statement showing the amount of License fees for 1909-1910 recovered in 1910-1911.

No. of Licenses issued.	Nature of Trade.	License fee.
		Rs. a.
1	Cotton seed, refuse or waste	30 0
1	Fish (dried)	25 0
1	Firewood (wholesale)	15 0
1	Hay, Straw and Grass	5 0
1	Hides and Skins (raw), tannery	150 0
1	Kerosine oil (retail)	5 0
4	Timber	40 0
10	Total... ...	270 0

Summary of Income for 1910-1911.

No.	Official year during which collection was made.	License fee.	Remarks.
		Rs. a.	
10	Income for 1909-10 collected during the Official year 1910-11	270 0	*Vide* statement marked **B**.
7,530	Income for 1910-11 collected from 1st April 1910 to 31st March 1911	87,536 8	*Vide* statement marked **A**.
7,540	Total	87,806 8	

MARKETS.

REPORT OF THE SUPERINTENDENT OF MARKETS AND SLAUGHTER HOUSES RECEIVED UNDER HIS NO. 1081, DATED 2ND JUNE 1911.

SIR,

I have the honour to submit the Administration Report of the Markets and Slaughter Houses Establishment for the year 1910-11 as under :—

2. The total amount of stallage rents recovered from the different Municipal Markets every quarter or half-year, under the terms of Section 407 (*a*) and (*c*) at the opening of the year, amounted to Rs. 51,202 against Rs. 53,118 at the close of the year, showing an increase of Rs. 1,916. The following is the detailed statement, which will show how this increase is distributed :—

Names of Markets.	Rent per quarter appearing at the opening of the year.	Rent per quarter appearing at the close of the year.	Increase.	Decrease.	Net increase.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Colaba Market	371	371	...	...		
Fort ,, ...	4,873	4,876	3	...		Half-yearly.
A. C. Fruit and Vegetable Market	15,842	17,097	1,255	...		
,, Fish and Mutton Market	2,794	2,914	120	...		
,, Mutton (New) Market	951	951	...	...		
,, Beef Market	2,704	2,704	...	...		
Godowns	1,344	1,344	...	...		
Fowl rooms	915	765	...	150		
Bird shops	618	618	...	...		
Erskine Road Fruit and Vegetable (Old) Market	6,811	7,661	850	...		
Erskine Road Fruit and Vegetable (New) Market	2,553	2,344	...	209		
Erskine Road Mutton Market	2,504	2,504	...	...		
Bhuleshwar Market	3,378	3,396	18	...		
Pedder Market	488	488	...	...		
Foras Road Market	275	275	...	...		
Pork Market	100	100	...	...		Yearly.
DeLisle Road Sheep Market	3,673	3,673	...	...		Half-yearly.
Fergusson Road Market	409	417	8	...		
Parbhadevi Road Market	144	165	21	...		
Elphinstone Road Market	455	455	...	...		
Total ...	51,202	53,118	2,275	359	1,916	

3. The total amount of stall rents (exclusive of squatters' fees recovered departmentally and the squatters' fees recovered from the Contractors) collected during the year under report on the basis of the scale shown above, amounted to Rs. 1,64,249-7-9 against Rs. 1,57,054-8-0 in the previous year, showing an increase of Rs. 7,194-15-9. This is chiefly due to higher rents having been obtained for some of the stalls in the different Municipal Markets that were sold by auction during the year under report, and to the occupancy of some of the vacant stalls.

The following is the comparative statement showing the average number of stalls vacant in each Market:—

Names of the Markets.	Total number of stalls.	Average number of stalls vacant in each quarter in 1910-11.	Average number of stalls vacant in each quarter in 1909-10.	Remarks.
Colaba Market	70	46	48	
Fort Market	266	100	94	
A. C. Fruit and Vegetable Market ...	569	45	51	
„ Fish and Mutton Market	119	47	47	
„ Mutton New Market	68	21	23	
„ Beef Market	78	.....	.....	
Godowns	25	.....	1	
Fowl rooms	25	5	.....	
Bird Shops	18	2	.....	New.
Erskine Road Fruit and Vegetable (Old) Market	427	55	52	
Erskine Road Fruit and Vegetable (New) Market	118	63	69	
Erskine Road Mutton Market	114	35	38	
Bhuleshwar Market...	163	9	10	
Pedder Market	40	7	8	
Foras Road Market	80	9	2	
Pork Market	2	.....	.....	
DeLisle Road Sheep Market	50	.....	.....	
Ferguson Road Market	30	.....	.....	
Elphinstone Road Market	45	9	5	
Parbhadevi Road Market	25	3	3	
Total ...	2,232	456	451	

4. The following is an explanatory statement which will show in detail the difference in stall rents on account of the total or partial vacancy of stalls as also the subsequent alterations in stall rents owing to either rise or fall in the amounts of rents at the auction sale during the year under report contrasted with those in the previous year :—

Names of Markets.	Annual Rent recoverable as based on the quarterly rents or half-yearly rents as appearing at the opening of the year.	Difference in collection of rents during the year on account of rise or fall in rents.		Difference in collection of rents during the year on account of total or partial vacancy of stalls	Net Increase.	Net Decrease.	Actual amount recovered during the year (total of columns 2, 6 and 7).	Remarks.
		Increase.	Decrease.					
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,484 0 0	.....	.....	926 6 0	.....	926 6 0	557 10 0	
Fort do.	9,589 9 0	0 6 10	.....	3,855 14 10	.....	3,855 8 0	5,733 8 6	
A. C. Fruit and Vegetable Market	63,368 0 0	3,062 13 10	1,286 3 7	2,041 8 3	.....	264 14 0	63,103 2 0	
Do. Fish and Mutton Market	11,176 0 0	894 6 10	461 10 6	3,311 2 4	.....	2,878 6 4	8,297 10 0	
Do. Mutton Market (New)	3,804 0 0	.....	.....	1,145 12 0	.....	1,145 12 0	2,658 4 0	
Do. Beef Market	10,816 0 0	.....	.....	16 0 0	.....	16 0 0	10,800 0 0	
Godowns	5,376 0 0	.....	.....	50 0 0	.....	50 0 0	5,326 0 0	
Fowl Rooms	3,660 0 0	.....	.....	812 0 0	.....	812 0 0	2,848 0 0	
Bird Shops	2,472 0 0	486 0 0	.....	1,201 0 0	.....	1,415 0 0	1,057 0 0	
Erskine Road Fruit and Vegetable Market (Old) ...	27,244 0 0	1,610 9 0	636 15 0	2,753 9 3	.....	1,779 15 3	25,464 0 9	
Do. do. do. (New) ...	10,212 0 0	83 0 0	.....	5,439 4 0	.....	5,406 4 0	4,806 12 0	
Do. Mutton Market	10,016 0 0	.....	.....	2,319 10 0	.....	2,319 10 0	7,696 6 0	
Bhuleshwar Market	13,512 0 0	154 7 8	28 15 9	931 11 11	.....	866 4 0	12,705 12 0	
Pedder Market	1,742 0 0	.....	.....	296 0 0	.....	296 0 0	1,446 0 0	
Foras Road Market	1,100 0 0	.....	.....	155 2 0	.....	155 2 0	944 14 0	
Pork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,346 0 0	.....	.....	.....	.....	.....	7,346 0 0	
Fergusson Road Market	1,636 0 0	59 0 8	.....	403 11 8	.....	344 11 0	1,291 5 0	
Parbhadevi do.	576 0 0	46 12 9	.....	54 6 9	.....	7 10 0	568 6 0	
Elphinstone do.	1,820 0 0	.....	.....	320 2 0	.....	320 2 0	1,499 14 0	
Total for 1910-11 ...	1,87,049 0 0	6,347 9 7	3,413 12 10	26,733 5 0	.....	22,799 8 3	1,64,249 7 9	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	1,556 0 0	.....	38 6 8	1,028 11 4	.....	1,067 2 0	488 14 0	
Fort Market	9,617 0 0	.....	9 2 6	3,518 15 6	.....	3,528 2 0	6,088 14 0	
A. C. Fruit and Vegetable Market	63,116 0 0	552 8 11	433 6 4	5,248 9 10	.....	5,129 7 3	57,986 8 9	
Do. Fish and Mutton Market	11,084 0 0	89 6 3	4 15 0	3,541 6 3	.....	3,456 15 0	7,627 1 0	
Do. Mutton Market (New)	3,812 0 0	.....	4 0 0	1,264 7 0	.....	1,268 7 0	2,543 9 0	
Do. Beef Market	11,068 0 0	.....	172 12 6	19 13 6	.....	192 10 0	10,875 6 0	
Godowns	6,432 0 0	.....	106 8 0	891 5 0	.....	997 14 0	5,434 2 0	
Fowl Rooms	3,660 0 0	.....	.....	.....	.....	.....	3,660 0 0	
Erskine Road Fruit and Vegetable Market (Old) ...	27,560 0 0	158 8 4	299 3 4	3,090 11 6	.....	3,231 6 6	24,328 9 6	
Do. do. do. (New) ...	10,076 0 0	105 4 10	218 12 8	5,286 6 2	.....	5,399 14 0	4,676 2 0	
Do. Mutton Market	10,008 0 0	5 13 0	8 4 9	2,563 3 8	.....	2,565 11 0	7,442 5 0	
Bhuleshwar Market	13,304 0 0	263 12 11	59 12 1	792 13 7	.....	588 12 9	12,715 3 3	
Pedder Market	1,758 0 0	.....	1 11 3	304 2 9	.....	305 14 0	1,452 2 0	
Foras Road Market	1,060 0 0	8 11 5	.....	42 7 8	.....	33 12 3	1,026 3 9	
Pork Market	100 0 0	.....	.....	.....	.....	.....	100 0 0	
DeLisle Road Sheep Market	7,346 0 0	.....	.....	.....	.....	.....	7,346 0 0	
Fergusson Road Market	1,276 0 0	3 3 0	.....	.....	3 3 0	.....	1,279 3 0	
Parbhadevi Market	784 0 0	4 8 0	77 5 4	212 2 8	.....	285 0 0	499 0 0	
Elphinstone Road Market	1,788 0 0	25 14 7	28 12 8	364 15 2	.....	302 11 3	1,485 4 9	
Total for 1909-10 ...	1,85,405 0 0	1,217 11 3	1,458 2 1	28,310 1 2	3 3 0	28,353 11 0	1,57,051 8 0	

5. The amount of stall rents in detail, during the year under report, contrasted with those in the previous four years, is as under :—

Names of the Markets.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	Difference as compared with 1909-10.		Remarks
						Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	586 0 0	577 4 0	810 1 0	488 14 0	557 10 0	68 12 0	.....	
Fort Market	7,170 5 5	7,003 2 0	6,471 10 0	6,088 14 0	5,733 8 0	.....	355 6 0	
A. C. Fruit and Vegetable Market	57,986 15 10	57,590 7 8	58,135 15 6	57,986 8 2	63,103 2 0	5,116 9 3	.....	
Do. Fish and Mutton Market...	7,607 1 9	7,683 11 8	7,442 2 0	7,627 1 0	8,297 10 0	670 9 0	.....	
Do. Mutton (New) Market	2,535 9 0	2,897 15 0	2,434 3 0	2,543 9 0	2,658 4 0	114 11 0	.....	
Do. Beef Market...	10,725 0 0	10,768 0 0	10,727 12 0	10,875 6 0	10,800 0 0	.....	75 6 0	
Godowns	6,432 0 0	6,432 0 0	6,432 0 0	5,434 2 0	5,326 0 0	.....	108 2 0	
Fowl Rooms	3,420 0 7	3,444 0 0	3,560 9 0	3,660 0 0	2,848 0 0	.....	812 0 0	
Bird Shop	.....	.....	.....	.....	1,057 0 0	1,057 0 0	.....	
Erskine Road Fruit and Vegetable (Old) Market	24,727 2 2	24,803 8 5	24,919 0 0	24,528 9 6	25,464 0 9	1,135 7 3	.....	
Do. do. (New) Market	5,432 8 0	5,589 8 0	5,194 8 0	4,676 2 0	4,805 12 0	129 10 0	.....	
Do. Mutton Market	7,672 2 0	7,777 13 0	7,595 0 0	7,442 5 0	7,696 6 0	254 1 0	.....	
Bhuleshwar Market	12,451 4 10	12,504 15 5	12,370 8 0	12,715 3 3	12,705 12 0	.....	9 7 3	
Pedder Market	1,283 0 0	1,355 8 8	1,395 13 0	1,452 2 0	1,446 0 0	.....	6 2 0	
Foras Road Market	428 8 0	584 8 0	999 0 0	1,026 3 9	944 14 0	.....	81 5 9	
Pork Market	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	.....	.....	
DeLisle Road Sheep Market	7,186 0 0	7,186 0 0	7,347 10 0	7,346 0 0	7,346 0 0	.....	.....	
Furgusson Road Market...	1,186 0 0	1,267 12 6	1,276 0 0	1,279 3 0	1,291 5 0	12 2 0	.....	
Parbhadevi Road Market	.....	.....	958 5 0	499 0 0	568 6 0	69 6 0	.....	
Elphinstone Road market	.....	.....	1,553 0 0	1,485 4 9	1,499 14 0	14 9 3	.....	
Total ...	1,56,939 9 7	1,56,996 12 10	1,59,623 0 6	1,57,054 8 0	1,64,249 7 9	8,642 13 9	1,447 13 0	
Increase over preceding year's rent	92 13 11	66 3 3	2,627 3 8	.....	7,194 15 9	.....	.....	
Decrease below do. do.	.....	.....	.....	2,568 8 6	.....	.....	.....	

6. The squatters' fees from Municipal Fish Markets, Scale fees in the Crawford Market compound, and the fair ground rent and the feeding fees at the Bandora Slaughter Houses, recovered from the Contractors during the year under report, amounted to Rs. 1,16,608-4-0 against Rs. 1,10,895 in the previous year, showing an increase of Rs. 5,713-4-0. These rights, as is annually done, were put up to auction, except in the case of the Foras Road Market, the fees of which were collected departmentally, as the same is to be closed. The sale was approved of by the Standing Committee. In the following statement are contrasted in detail the fees recovered from the different Contractors during the year under report with those in the previous four years :—

Particulars.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	Difference as compared with 1910-11. Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs. a.	Rs. a.	
Fort Market	1,925	1,950	1,950	1,925	1,925 0	.....	
A. C. Beef and Fish Markets	8,875	9,500	9,000	9,000	9,100 0	100 0	
Erskine Road Fish Market	18,525	18,700	19,100	20,500	23,550 0	3,050 0	
Pedder Market	1,750	1,625	1,600	1,500	1,500 0	.....	
Foras Road Market ...	Fees collected		depart	mentally			
Colaba Market	900	1,175	1,000	1,100	1,100 0	.....	
Fergusson Road Market.	1,900	1,650	1,550	1,200	1,600 0	400 0	
Parbhadevi Road Market	...	...	750	750	750 0	.....	
Elphinstone Road Market	...	...	625	720	850 0	130 0	
Total Squatters' fees ...	33,875	34,650	35,575	36,695	40,375 0	3,680 0	
Scale fees at the A. C. Market compound ...	5,125	6,400	6,100	3,200	5,233 4	2,033 4	
Fair ground rent and feeding fees at Bandra.	78,300	88,000	76,000	71,000	71,000 0	.....	
Grand Total	1,17,300	1,29,050	1,17,675	1,10,895	1,16,608 4	5,713 4	
Increase over preceding year's amount ...	815	11,750	...	...	5,713 4	.....	
Decrease below preceding year's amount ...	...	...	11,375	6,780	.....	.....	

7. The squatters' fees collected departmentally in the several Municipal Markets during the year under report amounted to Rs. 9,403-6-6 against Rs. 8,210-5-0, showing an increase of Rs. 1,192-11-6. This is due to a greater number of squatters having been allowed to occupy places under the eaves of the Markets during the year under report. In the following statement are contrasted the fees recovered during the year under report with those in the previous year :—

Name of the Market.	1910-11.	1909-10.	Difference. Increase.	Decrease.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Colaba Market	17 0 0	50 0 0	.....	33 0 0	
Fort Market	1,241 13 6	1,127 13 0	114 0 6	.....	
A. C. Fruit and Vegt. Market ...	138 6 0	170 8 0	.....	32 2 0	
Erskine Road old Fruit and Vegt. Market	2,362 8 6	2,352 2 6	10 6 0	.....	
Bhuleshwar Market	2,582 1 0	1,856 2 9	725 14 3	.....	
Pedder Market	0 7 0	0 9 0	.....	0 2 0	
Foras Road Market	914 5 0	836 2 3	78 2 9	.....	
Fergusson Road Market	1,281 7 6	1,100 12 0	180 11 6	.....	
Parbhadevi Road Market	674. 8 6	515 0 0	159 8 6	.....	Opened from 1-7-08.
Elphinstone Road Market	190 7 6	201 3 6	.....	10 12 0	Opened from 16-7-08.
Total ...	9,403 0 6	8,210 5 0	1,268 11 6	76 0 0	

8. For ready reference, the total receipts from each market (that is stall rents, squatters' fees collected departmentally, and those from the contractors and scale fees added together) during the year under report, have been shown in the following statement :—

Name of the Market.	Stall rents.	Squatters' fees collected departmentally.	Squatters' fees collected from the contractors.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba Market	557 10 0	17 0 0	1,100 0 0	1,674 10 0
Fort Market	5,733 8 0	1,241 13 6	1,925 0 0	8,900 5 6
A. C. Fruit & Vegetable Market ..	63,103 2 0	138 6 0	.....	63,241 8
„ Fish and Mutton „ ..	8,297 10 0	.....	9,100 0 0	17,397 10 0
„ Mutton (new) Market	2,658 4 0	.....	.....	2,658 4 0
„ Beef Market	10,800 0 0	.....	.....	10,800 0 0
„ Market Scale Fees	.....	.....	5,233 4 0	5,233 4 0
Godowns	5,326 0 0	.....	.....	5,326 0 0
Fowl Rooms	2,848 0 0	.....	.....	2,848 0 0
Bird Shops	1,057 0 0	.....	.....	1,057 0 0
A. C. Markets Total ..	94,090 0 0	138 6 0	14,333 4 0	1,08,561 10 0
Erskine Road Fruit and Vegetable Market, old	25,464 0 9	2,362 8 6	.....	27,826 9 3
Erskine Road Fruit and Vegetable Market, new	4,805 12 0	.....	.....	4,805 12 0
Erskine Road Mutton Market ...	7,696 6 0	.....	.....	7,696 6 0
„ Fish Market	.....	....	23,550 0 0	23,550 0 0
Erskine Road Markets, Total...	37,966 2 9	2,362 8 6	23,550 0 0	63,878 11 3
Bhuleshwar Market	12,705 12 0	2,582 1 0	.....	15,287 13 0
Pedder Market	1,446 0 0	0 7 0	1,500 0 0	2,946 7 0
Foras Road Market	944 14 0	914 5 0	... .	1,859 3 0
Pork Market	100 0 0	....	....	100 0 0
DeLisle Road Sheep Market	7,346 0 0	.....	.....	7,346 0 0
Fergusson Road Market	1,291 5 0	1,281 7 6	1,600 0 0	4,172 12 6
Parbhadevi Road Market	568 6 0	674 8 6	750 0 0	1,992 14 6
Elphinstone Road Market	1,499 14 0	190 7 6	850 0 0	2,540 5 6
Grand Total ...	1,64,249 7 9	9,403 0 6	45,608 4 0	2,19,260 12 3
Grand Total for 1909-10 ...	1,57,054 8 0	8,210 5 0	39,895 0 0	2,05,159 13 0

9. The revenue from other sources, comprising the following heads, was Rs. 1,756-13-0 during the year under report, against Rs. 2,345-10-0 in the previous year, showing a decrease of Rs. 588-13-0 as detailed against each head in the following statement :—

Particulars.	1910-11.	1909-10.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Verifying weights and measures..	1,476 13 0	1,509 3 6	.....	32 6 6	
Garden produce	1 11 0	0 9 0	1 2 0	.....	
Price Current	100 11 0	94 3 6	6 7 6	.....	
Sale proceeds of meat or animals seized under Section 412 ...	91 12 0	29 8 0	62 4 0	.....	
Sale proceeds of manure ...	53 4 0	49 8 0	3 12 0	.....	
For tapping date trees at Bandra Slaughter Houses	.....	9 0 0	.....	9 0 0	Net decrease Rs. 588-13-0.
Fees for producing office records, Inspection fees, &c.	15 0 0	9 0 0	6 0 0	.....	
Fees for issuing duplicate copies of S. Houses Permits	.....	5 12 0	.....	5 12 0	
Sale of Copies of Market By-laws	1 6 0	1 0 0	0 6 0	.....	
Recovery for use of Gas light ...	15 0 0	30 0 0	.....	15 0 0	
Fine from stall-holders for not paying rent by due date ..	.....	607 14 0	.....	607 14 0	
Fee for issuing a duplicate copy of a Receipt for weights and measures	1 4 0	.....	1 4 0	.....	
Total ...	1,756 13 0	2,345 10 0	81 3 6	670 0 6	

Slaughter fees, Butchers' License fees, &c.

10. The total collections under these heads amounted to Rs. 1,96,589-5-2 during the year under report, against Rs. 1,89,467-7-0 in the previous year, showing an increase of Rs. 7,121-14-2 as contrasted in the following statement :—

Particulars.	1910-11.	1909-10.	Difference.		Remarks.
			Increase.	Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Slaughter fees	1,76,425 1 0	1,72,548 15 0	3,876 2 0	.....	
License fees	15,072 4 2	14,686 8 0	385 12 2	.....	
Ground rent	132 0 0	132 0 0	.....	.....	
Chawl rent	2,695 0 0	1,320 0 0	1,375 0 0	.....	
Total ...	1,94,324 5 2	1,88,687 7 0	5,636 14 2	.....	
Proceeds of blood from the contractor	2,265 0 0	780 0 0	1,485 0 0	.....	
Grand Total ...	1,96,589 5 2	1,89,467 7 0	7,121 14 2	.....	

11. The increase in the amount of slaughter fees is due to a heavy increase in the number of animals slaughtered except Cows, Calves and Bullocks, which show a decrease of 3,778 as will be seen from the following comparative statement. This falling-off is on account of additional buffaloes allowed to be slaughtered during the year under report. Out of the number of Cows, etc., slaughtered 21 carcasses were found cystic and diseased against 24 carcasses in the previous year, and had to be condemned. The increase in chawl rents is due to re-occupancy of the chawls that were rebuilt during the year under report. The proceeds of blood also show a large increase which is due to keen competition amongst different traders :—

Description of animals.	Number slaughtered in 1910-11.	Number slaughtered in 1909-10.	Increase.	Decrease.
Buffaloes	5,130	4,341	789	.....
Cows, Bullocks and Calves	40,544	44,322	.....	3,778
Sheep and Goats	660,545	655,003	5,542	.....
Pigs slaughtered at Sonapur Pork Slaughter House.	465	440	25	.....

12. The several foregoing statements will show that the total receipts under all the heads mentioned therein amounted to Rs. 4,88,606-14-5 during the year under report against Rs. 4,67,972-14-0 in the previous year, showing an increase of Rs. 20,634-0-5. The reasons for this increase have been shown in the foregoing paras. The total receipts also show an increase of Rs. 1,606 over the revised estimate of income which was shown at Rs. 4,87,000.

13. During the year under report 5,141 Buffaloes, 42,251 Horned Cattle, and 712,914 Sheep and Goats, were brought to the Bandora fair ground for examination and disposal, out of which number 8 Buffaloes, 1,794 Horned Cattle and 16,323 Sheep and Goats were found unfit for slaughter on inspection, and were consequently rejected, *vide* the following comparative statement. The remainder were either slaughtered for the Markets or were otherwise disposed of, the details of which are shown in Appendix **A** :—

Year.	Animals brought to the fair ground.			Animals rejected.		
	Buffaloes.	Horned Cattle.	Sheep and Goats.	Buffaloes.	Horned Cattle.	Sheep and Goats.
1910-11 ...	5,141	42,251	712,914	8	1,794	16,323
1909-10 ...	4,362	46,516	725,562	5	1,945	29,708

14. The fines inflicted by the Presidency Magistrates for the infringements of the provisions of the Municipal Act and the By-laws pertaining to the Markets and Slaughter Houses, amounted to Rs. 2,019 during the year under report, against Rs. 665 in the previous year, as detailed below :—

Year.	Section 403 (1)	Section 411 (a)	Section 411 (b)	Section 412 (1)	By-laws Chapter II, Clause 3.	Total.	No. of Convictions.
1910-11	...	...	...	2,019	...	2,019	40
1909-10	...	...	...	665	...	665	19

15. The quantity of unwholesome food, particularly meat and fish, destroyed during the year under report, as unfit for human consumption under the provisions of Sections 415 and 416 of the Act was 205,277 lbs. during the year under report against 241,774½ lbs. in the previous year. Out of the above quantity, 94,557 lbs. of contraband meat were seized and destroyed by the Assistant to Superintendent and his staff during the year under report against 70,796½ lbs. in the previous year.

16. The beef and mutton supply during the year was fairly good, and the fruit and vegetable supply was satisfactory.

17. The improvements which were much needed in the Markets have been taken in hand by me and I hope to be able to submit a more satisfactory report next year. Since taking charge the immediate changes I effected were (*a*) the cleanliness of the Markets, (*b*) the removal of vagrants and beggars, (*c*) the exclusion of coolies, and (*d*) the proposed registration of coolies.

I have the honour to be,

Sir,

Your most obedient servant,

L. W. MICHAEL,

Superintendent of Markets.

APPENDIX A.

STATEMENT showing the number of Animals slaughtered, removed for private slaughter, etc., during the year 1910-1911.

Description of Animals.	Months.												Total number of Animals slaughtered.	Total amount of slaughter Fee.	Remarks.
	April 1910.	May 1910.	June 1910.	July 1910.	August 1910.	Sep. 1910.	Oct. 1910.	Nov. 1910	Dec. 1910.	Jan. 1911.	Feb. 1911.	March 1911.			
														Rs. a. p.	
Buffaloes	359	380	417	465	484	423	435	428	400	477	405	507	5,130	51,300 0 0	
Cows	3,111	3,410	3,028	3,078	3,070	2,343	2,190	2,138	2,517	2,374	2,500	2,425	32,184	24,138 0 0	
Bullocks	641	629	584	558	520	597	754	814	760	822	869	737	8,323	6,167 4 0	
Calves	28	15	17	33	9	11	8	7	8	7	2	2	137	102 12 0	
Sheep and Goats for Bombay	50,486	53,755	53,495	50,695	49,283	48,978	51,282	47,697	52,887	52,523	47,501	56,454	614,836	76,817 0 0	
Do. do. Mahim	2,036	2,359	2,298	2,306	1,869	1,960	2,259	1,938	2,516	2,293	2,160	2,335	26,329	1,645 9 0	
Do. do. Bandora	1,589	1,726	1,874	1,652	1,612	1,657	1,523	1,361	1,616	1,823	1,604	1,593	19,630	1,226 0 0	
Pigs slaughtered at Sonapore ...	35 5	35 1	38 25	40 18 3	35 12 4	32 12 16	36 4 28	35 10 8	47 10 6	48 5 4	46 16 1	40	465 118 Sucking pigs 62	465 0 0 236 0 0 15 8 0	
Live Horned Cattle brought to Bombay...	12	2	.....	2	4	.....	3	2	9	1	9	4	48	240 0 0	
Live Sheep and Goats brought to Bombay	118 16	463 20	284 10	333 26	130 11	385 12	329 12	194 31	1,817 20	235 5	318 16	345 18	4,951 197	2,475 8 0 98 8 0	
Live Sheep and Goats removed by De-Lisle Road Market Fadkarees	1,027	1,778	1,781	3,030	1,122	1,773	1,836	1,559	3,013	1,804	1,574	2,691	22,988	11,494 0 0	
												Total ...	735,048	1,76,425 1 0	

The figures in Block Type show the number of animals slaughtered by Private Individuals within the meaning of Section 403 (3) (c) of the Act.

EDUCATIONAL.

REPORT OF THE SCHOOLS COMMITTEE FORWARDED BY THE COMMITTEE'S SECRETARY UNDER HIS No. 2161 OF 14TH AUGUST 1911.

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, *25th April* 1911.

REPORT ON THE ADMINISTRATION OF THE SCHOOLS COMMITTEE FOR THE YEAR 1910-1911.

Constitution of the Committee.

At the commencement of the year, the Schools Committee consisted of the following members :—

The Hon. Mr. C. H. Setalvad, B.A., LL.B.	James MacDonald, Esq.
The Hon. Mr. Ibrahim Rahimtoola, C.I.E.	Rao Bahadur Dhakji Cassinathji.
Khan Bahadur D. R. Chichgur.	Kazi Kabiruddin, Esq., Bar.-at-Law.
D. E. Wacha, Esq.	N. V. Mandlik, Esq., B.A., LL.B.

The two senior members of the Committee, Khan Bahadur D. R. Chichgur and Mr. D. E. Wacha, retired under Section 8 (2) of the Bombay Police Charges Act of 1907. Mr. Wacha was re-appointed to the Committee, and Dr. Jehangir J. Cursetji was elected a member of the Committee by the Corporation, in succession to Mr. Chichgur, who, being no longer a member of the Corporation, was not eligible for election.

The Hon. Mr. Setalvad was re-elected Chairman for the year, on the motion of Mr. James MacDonald, seconded by the Hon. Mr. Ibrahim.

Finance.

The opening balance of the Schools Fund was Rs. 15,910-6-0. The total receipts from all sources amounted to Rs. 3,61,149-14-0, being Rs. 1,25,519-6-5 in excess of the total for the last year. It was due to the increased contribution made by the Corporation to meet the charges for the year. The total expenditure was Rs. 3,30,890-13-0, as against Rs. 2,88,202-3-6 for the preceding year. The increase of Rs. 42,688-9-6 was mainly on account of new Schools and general promotion, amounting to about Rs. 20,000 given to teachers.

The year closed with a balance of Rs. 46,169.

The total cost per pupil was Rs. 22·2 as against Rs. 21·9 for the previous year, and it was distributed as under :—

Teaching	Rs.	13·7
Rent	„	5·2
Miscellaneous	„	3·3
Total	Rs.	22·2

Municipal Schools.

The following table gives a summary of the total number of Municipal Schools of all descriptions, with the aggregate attendance thereat for the past two years :—

Class of Schools.	Municipal.			
	1909-1910.		1910-1911.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi.				
Day Schools—				
Middle Schools	3	192	3	192
Primary for boys	39	4,460	43	4,399
Do. for girls	13	990	14	1,664
Total of Marathi Schools	55	5,642	60	6,255
Gujarati.				
Day Schools—				
Middle Schools	1	77	1	54
Primary for boys	19	1,702	22	2,102
Do. for girls	8	930	9	1,106
Total of Gujarati Schools	28	2,709	32	3,262
Urdu.				
Day Schools—				
Middle Schools	...	...	...	...
Primary for boys	25	2,750	29	3,304
Do. for girls	3	361	3	316
Total	28	3,111	32	3,620
Night Schools	3	97	3	118
Total of Urdoo Schools	31	3,208	35	3,738
Grand Total of Marathi, Gujarati and Urdu Schools	114	11,559	127	13,255

Fourteen new schools were opened during the year, of which 5 were Marathi, 5 Gujarati and 4 Urdoo. A Gujarati School, opened last year at Thakurdwar, was closed for want of attendance, and therefore there was a nett increase of thirteen schools. Most of these schools are well attended.

The total attendance rose from 11,559 to 13,255.

Training of Teachers.

The project of a training college for primary school teachers in Bombay was the subject of discussion between the Government and the Corporation, and it was agreed eventually that the Government will provide room in the existing institutions at Poona and Ahmedabad for a number of stipendiaries from Bombay, thus ensuring a regular and constant supply of qualified teachers for the Municipal Schools. Although the Committee have been steadily adding to the number of trained teachers, they are, nevertheless, unable to secure the services of as many as they would like to employ. The deficiency will, however, be supplied, when the arrangement made between the Government and the Municipality comes into force.

The want of trained teachers is chiefly felt with respect to Urdoo Schools, although the Committee have been missing no opportunity to employ qualified persons. The Committee have opened a class, where Mohamedan students are prepared for the Vernacular Final Examination, which must be passed in order to qualify them for admission to the Training College. The class has turned out three trained teachers who have been employed by the Committee and are doing satisfactory work. Some of the students are under training and are expected soon to return with a certificate of the Training College.

Scholarships.

Agreeably to the suggestion of the Educational Department, the Committee have increased the number of Middle School Scholarships from four to six, the annual charge being thus raised from Rs. 432 to Rs. 648.

These scholarships are open to all Primary Schools in Bombay. Two were won by Municipal schools, namely, the Girgaum Marathi School and the Kamathipura Nirashrit School.

One of the Mary Carpenter Scholarships was obtained by a pupil of the S. S. Bengali Girls' School.

School Buildings.

The Committee are glad to observe that the School Buildings scheme is progressing fairly, and that two buildings providing excellent accommodation are very nearly complete and are expected to be shortly given over to the School Committee.

With regard to rented buildings, it has been the constant aim of the Committee to secure the best available houses within the area served by each school. Additional accommodation was provided for a number of schools during the year, and the following schools were removed to better quarters :—

Parel School (Gujarati).
Dadar „ („)
Dadar Nirashrit School (Marathi).
Imamwada „ (Urdu).
Rangari Street „ („)

The building in which were located the Musjid Bunder Schools for Boys and Girls was destroyed by fire, and, therefore, new places have been hired for them in the locality.

Aided Schools.

The following table shows the number of Aided Schools with the attendance thereat, as contrasted with the figures for the preceding year :—

Class of Schools.	Aided.			
	1909-1910.		1910-1911.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi.				
Day Schools—				
Primary for boys	37	3,823	35	3,813
Do for girls	16	1,523	16	1,591
	53	5,356	51	5,404
Night Schools	18	383	18	225
Total of Marathi Schools ...	71	5,739	69	5,629
Gujarati.				
Day Schools—				
Primary for boys	25	3,184	25	3,354
Do. for girls	15	2,230	15	2,262
Total Gujarati Schools ...	40	5,414	40	5,616
Urdu.				
Day Schools—				
Primary for boys	2	302	2	361
Do. for girls	...	...	1	55
Total of Urdu Schools ...	2	302	3	416
Grand Total of Marathi, Gujarati and Urdu Schools ...	113	11,455	112	11,661

Five new schools were registered under the Grant-in-Aid Code during the year, while six schools, being closed or amalgamated or not in want of any aid, were removed from the list. There is thus a net decrease of one school.

The total grant paid to these schools during the year under report was Rs. 36,053 as against Rs. 34,098 paid in the year 1909-10. The increase was due to the re-assessment of the grant in the case of some schools.

Death of Teachers.

The Committee regret to record the death of the ten teachers during the year. Five of these died of consumption, four in consequence of diarrhœa and dysentery, and one died of plague. The Committee are struck by the number of deaths from phthisis, and have undertaken an inquiry into the general question of mortality among the teachers.

Donations.

Mr. N. V. Mandlik, Executor of the Rehatsek Estate, presented the Committee with a sum of Rs. 300 for distribution as money prizes among deserving pupils.

Mr. Shaik Ahmed Munshi presented clothes and umbrellas for the poor children attending the Mahim Urdu School.

The Singer Manufacturing Company awarded a prize of Rs. 15 for the girl who turned out the best work on one of their sewing machines. It was won by a pupil of the Kalbadevi Gujarati Girls' School.

Mr. Hirabl Ranchoddas made a present of books for distribution among the Lad Banya pupils in Municipal Schools.

Donations were also received from a number of ladies for the purchase of prizes in connection with the Kalbadevi Gujarati and the Kalbadevi Marathi Girls' Schools. Small money presents, amounting to Rs. 7, were also received for the Kamathipura Girls' School.

The Rohidas Hita Vardak Samaj presented portraits of Their Majesties the King and Queen to the Kamathipura Nirashrit School.

All these donors have been cordially thanked by the Committee.

Race of Pupils.

The number of pupils in the Municipal and Aided Schools, according to race, was as under:—

Race.	1909-1910.			1910-1911.		
	Municipal.	Aided.	Total.	Municipal.	Aided.	Total.
Europeans and Eurasians	1	...	1	...	3	3
Portuguese and Native Christians	68	264	332	66	302	368
Hindus	7,695	6,687	14,382	8,825	6,481	15,306
Mahomedans	3,509	1,049	4,558	4,027	1,226	5,253
Buddhists	...	...	...	...	...	...
Parsis	220	2,967	3,187	257	3,142	3,399
Others	66	488	554	80	507	587
Total ...	11,559	11,455	23,014	13,255	11,661	24,916

N. B. MASANI,
Secretary, Schools Committee.

Appendix A.

Statement of Actual Income and Expenditure of the "School Fund" for the year 1910-1911.

Receipts.	Amount.	Expenditure.	Amount.
	Rs. a. p.		Rs. a. p.
1. Balance on the 1st of April 1910	15,910 6 0	A.—Schools.	
2. Fees from Municipal Schools	23,316 5 9	1. Head Masters and Teachers	1,70,453 5 4
3. Contribution from the General Municipal Fund..	3,37,257 0 9	2. Servants	4,386 2 0
4. Government Grants-in-Aid towards Buildings ...	.....	3. Rent	69,206 14 2
5. Interest on Endowments or Investments ...	523 11 0	4. Cost of Class Books	690 8 8
6. Miscellaneous	53 0. 0	5. School Furniture	11,371 14 0
		6. Prizes	2,468 15 5
		7. Contingencies and Miscellaneous	10,639 3 4
		8. Scholarships in Schools	423 0 0
		9. Stipends of Students under Training as Vernacular Teachers	3,564 13 8
		10. Superintendent's Establishment	7,297 6 2
		11. Grants-in-Aid to Primary Schools	36,653 0 0
		12. Library and Museum	1,221 5 5
		B.—Buildings.	
		1. Municipal Original Works	12,175 4 3
		2. Repairs to Municipal School Houses	425 11 7
		Balance on 31st March 1911	46,169 7 0
Total Rs. ...	3,77,060 4 0	Total Rs. ...	3,77,060 4 0

The Schools Committee's Office,
Bombay, 25*th April* 1911.

N. B. MASANI,
Secretary, Schools Committee.

Appendix B.

Balance Sheet of the "School Fund" for the year 1910-1911.

Liabilities.	Rs. a. p.	Assets.	Rs. a. p.
To Deposit Account	366 4 6	By Bank of Bombay Government, &c., Paper Deposit Account	4,000 0 0
" Hurkisondas Brijlal Prize Fund—		" Advance Account—	
Principal ... ... Rs. 500 0 0		To the Secretary ... ... Rs. 15 0 0	
Interest ... ... " 25 13 10	525 13 10	" the Superintendent ... " 50 0 0	
" Dr. Blaney Prize Fund—			65 0 0
Principal ... ... Rs. 1,000 0 0		" Advances Miscellaneous	30 0 0
Interest ... ... " 31 13 11	1,031 13 11	" Actual Cash Balance on 31st March 1911—	
" Madhavdas Rugnathdas Prize Fund—		In Bank of Bombay ... Rs. 46,584 9 9	
Principal ... ... Rs. 500 0 0		" Office Treasury ... ... " 41 8 0	
Interest ... ... " 25 12 4	525 12 4		46,626 1 9
" Jivkhore Lallubhai Scholarship, &c., Fund—			
Principal ... ... Rs. 1,000 0 0			
Interest ... ... " 35 6 6	*1,035 6 6		
" Bachoobai S. Bengalee Prize Fund—			
Principal ... ... Rs. 1,000 0 0			
Interest ... ... " 60 8 2	4,060 8 2		
" Donations for Training Urdu Teachers	2 0 0		
" N. S. Bengalee Donation	4 0 0		
" Income and Expenditure Account—			
Balance on 31st March 1911	46,169 7 0		
Total Rs. ...	50,721 1 9	Total Rs. ...	50,721 1 9

The Schools Committee's Office,
Bombay, 25*th April* 1911.

N. B. MASANI,
Secretary, Schools Committee.

BOMBAY, *8th August* 1911.

From

THE MUNICIPAL AUDITORS,
BOMBAY;

To

THE MUNICIPAL SECRETARY,
BOMBAY.,

SIR,

We have the honour to forward herewith the Auditors' report on the Municipal Accounts for the year 1910-11 in view to the same being printed and submitted to the Corporation as usual.

We have the honour to be,
Sir.
Your most obedient servants,

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR THE YEAR 1910-1911.

For the audit of the accounts under review, Messrs. B. B. Desai and S. T. Thakur were appointed to be Auditors as per Corporation Resolution No. 7326, dated 7th March 1910.

2. As usual all vouchers and papers, relating to both Receipts and Disbursements for the year 1910-11, have been examined with the Day Books and the Subsidiary Ledgers or Classified Abstracts of Receipts and Charges; the postings in the General Ledger have also been checked with the entries in the Day Books, and those in the Journal with the Subsidiary and General Ledgers.

3. The weekly statements of Receipts and Charges of the Municipal fund were examined, as they were prepared, prior to their publication in the *Bombay Government Gazette*.

4. The number of vouchers, relating to the accounts of the year, under review, compares with those of the previous year as follows :—

	1909-10.	1910-11.
Receipt vouchers	36,691	37,352
Disbursement vouchers	81,790	90,420
	1,18,481	1,27,772
	+ 9,291	

There is on the whole an increase of 9,291 in the number of vouchers in the year under report.

5. The result of the year, compared with the Budget and the Revised, and the Actuals of the previous year has been summarized below :—

	Accounts, 1909-10.	1910-11. Budget.	1910-11. Revised.	1910-11. Accounts.
	Rs.	Rs.	Rs.	Rs.
Revenue and Receipts	1,12,13,864	1,17,45,000	1,20,54,175	1,21,96,149
Expenditure	1,13,97,050	1,17,39,249	1,21,74,692	1,12,81,872
Surplus ... ... +	.....	5,751	.....	9,14,277
Deficit ... ... —	1,83,186	.....	1,20,517	.....

6. The total receipts, during the year under report, were more than those of the previous year by Rs. 9,82,285. The actuals were also better than the Budget and the Revised by Rs. 4,51,149 and Rs. 1,41,974 respectively. When compared with the actuals of the previous year there are increases, mainly under General and Halalkhore Taxes, Town Duties, Market and Miscellaneous receipts, Interest on Investments of Surplus Loan and other balances and payment by the City Improvement Trust to the Municipal Corporation, under Section 79 of their Act. The reasons for the variations have been given in the report of the Chief Accountant.

7. The total expenditure from the Municipal fund amounted to Rs. 1,12,81,872 against Rs. 1,13,97,050 in the previous year, resulting in a decrease of Rs. 1,15,178. The actuals are better than the Budget and the Revised by Rs. 4,57,377 and Rs. 8,92,820 respectively. When compared with the actuals of the previous year, there are variations under certain heads, which have been explained in the report of the Chief Accountant.

8. When the Budget was framed, it was anticipated that the year would close with a Surplus of Rs. 5,751. This surplus was changed into deficit of Rs. 1,20,517 in the Revised Final Estimate. The actuals have, however, resulted in a surplus of Rs. 9,14,277 against a deficit of Rs. 1,83,186 in the year 1909-1910.

9. The opening cash balance on the 1st April 1910 was Rs. 1,61,875 1-1. This, together with the total receipts of the year (inclusive of Debt, Deposits, Advances, &c.), amounted to Rs. 5,71,39,714-10-11. The gross payments during the year amounted to Rs. 5,68,51,242-6-8, thus leaving a balance of Rs. 2,88,472-4-3 on the 31st March 1911.

10. The surplus funds investments on the 31st March 1911 amounted to Rs. 34,89,936-15-6, as per following details, against Rs. 25,15,756-4-11 on the same date last year :—

	Rs.	a.	p.
In Government, &c, paper with the Bank of Bombay (face value Rs. 7,90,900)	7,46,031	2	4

In Current Account with the following Banks :—

	Rs.	a.	p.
Hongkong and Shanghai Banking Corporation	20,597	10	0
Comptoir National D'Escompte de Paris	1,137	4	9
Chartered Bank of India Australia and China	56,867	10	3
National Bank of India, Limited	480	7	3
Yokohama Specie Bank	1,425	7	4
Mercantile Bank of India, Limited...	58,064	7	10
Bank of India, Limited	55,086	4	7
Eastern Bank, Limited	1,50,246	9	2
Total ...	3,43,905	13	2

In Fixed Deposits with the following Banks :—

Chartered Bank of India, Australia and China	2,00,000	0	0
National Bank of India, Limited	1,00,000	0	0
Yokohama Specie Bank	5,50,000	0	0
Mercantile Bank of India, Limited...	6,00,000	0	0
Bank of India, Limited	3,50,000	0	0
Eastern Bank, Limited	6,00,000	0	0
Total ...	24,00,000	0	0
Grand Total ...	34,89,936	15	6

11. The invested balances of the several Loan Funds on the 31st March 1911 amounted to Rs. 21,28,575-12-8 as per following details, against Rs. 31,37,566-6-2 on the same date last year : —

	Rs.	a.	p.
In Government, &c.. paper with the Bank of Bombay (face value Rs. 8,35,500)...	8,21,974	6	0

In Current Account with the following Banks :—

	Rs.	a.	p.
Hongkong and Shanghai Banking Corporation	76,486	9	8
Chartered Bank of India, Australia and China	1,46,073	11	9
National Bank of India, Limited	1,01,169	8	9
Yokohama Specie Bank	1,04,122	6	2
Mercantile Bank of India, Limited	70,092	11	2
Bank of India, Limited	83,656	7	2
Eastern Bank, Limited	25,000	0	0
Total ...	6,06,601	6	8

In Fixed Deposit with the following Banks :—

Chartered Bank of India, Australia and China	2,00,000	0	0
Mercantile Bank of India, Limited...	3,00,000	0	0
Yokohama Specie Bank	50,000	0	0
Bank of India, Limited	1,50,000	0	0
Total ...	7,00,000	0	0
Grand Total ..	21,28,575	12	8

12. The above balances in the several Banks have been compared with the Pass-Books of the various Banks and found correct, and the safety receipts for the Government, &c., Papers, lodged with the Bank of Bombay, and the Fixed Deposit receipts of the several Banks, were examined and found to be in order.

13. The following is the list of charges, sanctioned during the year 1910-11 by the Municipal Commissioner and paid out of his Discretional Contingent grant :—

Item No.	Particulars.	Amount. Rs. a. p.
1	Travelling expenses of a peon for journeys to and from Poona with office papers of the Municipal Commissioner	4 0 0
2	Cost of extending by 6" main the existing 3" main in Lohar Street to join the existing 6" main in 2nd Marine Street	1,083 2 3
3	Cost of repairing the stone facing at the South End of the Outfall Pipe of the Love Grove Foreshore	294 15 9
4	Cost of constructing a zaoli shed of 20 rooms at Babula Tank for the housing of biggaries of the Engineering Department	480 0 0
5	Compensation paid to the Trustees of the Seth Merwanji Framji Panday for damage done to their property No. 60 at the corner of Cawasji Patel Street and Ghoga Street, Fort, whilst pulling down the adjoining house, belonging to Bai Goolbai Pestonji Boomla	255 12 9
6	Partpayment of the cost of removing and re-erecting the quintuple lamp post from Ber Bunder to the junction of Sandhurst Road, Girgaum Road and New Queen's Road	100 3 3
7	Excess cost of clothing supplied to Hamals, Naiks, &c., of the General Office Establishment	4 0 0
8	Partpayment of the cost of preparing a standard model for water closets on closed intermediate system	19 4 0
9	Payment of advertisement charges re notice of General Election of Ratepayers for 1909-10	5 4 0
10	Cost of raising, packing up and resetting a portion of 7" gas main sunk in the Drainage trench at Babula Tank Road	73 2 8
11	Payment of compensation for damage done to a property belonging to Mr. Dossabhoy Nusserwanji at Mahim, Mori Road, by the Brake of the Fire Brigade Department on the 21st June 1910	8 5 3
12	Partpayment of the cost of 2 Typewriting machines purchased for the Executive Engineer's Department	4 9 9
13	Cost of renewing the wooden door, attached to the Mogal Cemetery at Mount Road, Mazagaon	24 4 0
14	Payment of compensation for damage done to Mr. Jaffer Soomab's Motor car by a Municipal scavengering cart-driver at Horaby Road on 17th June 1910	460 0 0
15	Travelling expenses paid to a clerk of the Chief Accountant's Department to and from Lonavla on 16th and 17th December 1910 for getting the Municipal Secretary's signatures on Investment orders for Rs. 4,00,000, &c.	9 8 0
16	Cost of erecting standpipes and repairing roads at Matunga Agarwada and Matunga Khada	116 0 0
17	Payment of premium for the insurance of 20 huts at Babula Tank for the Biggaries of Road Branch for six months from 23rd December 1910 to 23rd June 1911	9 6 9
18	Partpayment of the cost of purchasing a lion cub for the Victoria Gardens	38 5 5
19	Cost of furniture for the Tulsi Bungalow	122 14 0
20	Partpayment of the cost of erecting a temporary 3-seated urinal on the flushing system at the southern end of the Museum site	2 3 0
21	Cost of cablegram sent to London re appointment of the Executive Engineer	30 0 0
22	Partpayment of printing charges of the License Department for January 1911	21 10 0
23	Partpayment of the cost of repairing and painting benches at Malabar Hill Garden	8 9 3
24	Cost of ten volumes of the "Encyclopædia of Practical Engineering and Allied Trades"	55 13 0
25	Cost of filling in a Municipal well near house No. 109, Girgaum Back Road	35 1 6
26	Cost of erecting a compound wall at the main entrance and fence at the north side of the Bellasis Road Pipe Depot	626 10 10
	Total ...Rs.	4,334 2 4

14. The amount outstanding on 31st March 1911 under "Advances, Personal Account, of Municipal Officers," was Rs. 13,860-12-1 against Rs. 26,984-5-7 on the same date last year. The former sum includes Rs. 8,110 on account of Permanent Advances to Municipal Officers and the remainder, *viz.*, Rs. 5,750-12-1 represents the sums debited to this head pending adjustment.

15. The amounts, outstanding on the 31st March 1911 under the heads noted below, compare as follows with those on the same date last year :—

	1909-10	1910-11
	Rs. a. p.	Rs. a. p.
Departmental Works	12,045 3 8	10,474 8 3
Private Works	19,952 1 2	18,159 6 4
Workshop	15,483 3 0	12,915 10 0
Total ...	Rs. 47,480 7 10	41,549 8 7

16. The amount outstanding on the 31st March 1911 to the debit of "Personal Account of Municipal Contractors" for supplies and services, rendered to them, and for recoveries, due from defaulting Contractors, was Rs. 17,298-9-8 against Rs. 30,478-3-2 on the same date last year.

17. The total expenditure on account of Plague during the year under report, met out of current revenue, amounted to Rs. 1,87,254-5-11 against Rs. 2,00,915-0-5 in the preceding year. The total expenditure on this account from the commencement of Plague, *i. e.*, from the year 1896-97 to the end of year 1910-11 amounted to Rs. 74,18,547 and was financed as follows :—

	Rs.
(1) From the 20 lakhs Plague Loan	20,00,000
(2) From the Government Contribution	14,50,000
(3) From the amount recovered from the City Improvement Trust.	16,00,000
(4) From the Current Revenue	14,58,495
(5) From Advances from Loan Funds	9,10,052
Total ...	Rs. 74,18,547

In addition to the above a sum of Rs. 1,11,017-7-3 had been outstanding under "Advances—Charges recoverable from Government &c." Now that the Government have repudiated their liability to pay it, the amount has been written off in the accounts for the year 1910-11. This fact will be reported to the Corporation for approval.

18. The scrutiny of collections and of outstanding Bills of Rates and Taxes for the year 1910-11 and of previous years.

Collections.—During the year there were issued by the Assessor and Collector 99,665 net demand assessment bills for property and Wheel Taxes of the value of Rs. 76,49,031-9-5 and 3,020 bills for meter hire for the same year of the value of Rs. 29,076-8-0.

The following figures give the particulars of the bills and collections :—

		Rs. a. p.	Rs. a. p.
99,213	Bills for Property and Wheel taxes were issued for 1910-11 of the value of ...	.....	76,18,159 15 11
432	Bills for the year 1909-1910	30,340 8 0	
18	" " 1908-1909	412 4 5	
2	" " 1907-1908	118 13 1	
452			30,871 9 6
3,020	Bills for meter hire for 1910-1911	.....	29,076 8 0
102,685			76,78,108 1 5
	Add—Government and Port Trust Contributions as per new Awards	4,83,537 0 0	
	Increase in the valuation of Government Properties during the five years ended 31st March 1909, Section 144 (2)	42,939 14 6	
	Amount of difference between the old and new awards which was paid by the Port Trustees in October 1910 and which was allowed as refund subsequently	24 100 0 0	
	Outstandings on 31st March 1910	1,14,806 2 10	
			6,64,483 1 4
	Total amount to be collected carried forward Rs. ...	.....	83,42,591 2 9

	Rs. a. p.	Rs. a. p.
Total amount to be collected brought over ...	.....	83,42,591 2 9
Less—Collection made by the Assessor and Collector	76,29,955 6 7	
Paid by Government and Port Trustees	4,05,761 14 6	80,35,717 5 1
		2,46,873 13 8
Deduct—Amount of bills recalled and cancelled for all years from 1903-04 to 1909-10	46,908 0 3	
Amount of difference between the old and new awards which was not received from Government before 31st March 1911 and for which no bills are issued	83,915 0 0	1,30,823 0 3
Total outstanding on 31st March 1911	.....	1,16,050 13 5
Amount outstanding on 31st March 1910 exclusive of meter hire		1,14,201 10 10
Deduct—Amount of bills recalled and cancelled during the year for all years prior to 1910-11 exclusive of Rs. 621 on account of meter hire		46,287 0 3
		67,914 10 7
Add—Amount of bills amended and issued during the year		30,871 9 6
		98,786 4 1
Deduct—Amount recovered during the year		94,222 15 8
Balance outstanding on 31st March 1911		4,563 4 5

19. In accordance with the instructions, contained in the Corporation Resolution No.5294, dated the 19th November 1888, all Sinking Fund investments during the year, pertaining to several Loans, were examined and found to agree with the amounts, provided in the Budget for the year 1910-11. The total accumulated balance on account of the several Sinking Funds on the 31st March 1911 amounted to Rs. 1,04,68,215-7-8 (1,04,67,069-11-0 in securities of the nominal value of Rs. 1,04,70,000, as given below and Rs. 1,145-12-8 in Cash.)

	Nominal Value of Paper.	Actual Cost.
	Rs.	Rs.
5 per cent. Municipal Debentures ...	34,66,000 0 0	34,66,000 0 0
4 per cent. Do. do. ...	20,93,500 0 0	20,93,316 6 9
4 per cent. City Improvement Bonds ...	28,64,000 0 0	28,64,051 11 3
3½ per cent. Government Promissory Notes...	17,88,600 0 0	17,85,801 9 0
3 per cent. Government Promissory Notes...	2,57,900 0 0	2,57,900 0 0
Total ... Rs.	1,04,70,000 0 0	1,04,67,069 11 0

The safety receipts granted by the Bank of Bombay for the above securities in its custody, have been examined and found to be in order, and the cash balances in the Bank's Pass-Books of the above funds have also been verified and found correct.

20. The balances of the several Reserve Funds, *viz.*, the "Municipal Buildings Fire Insurance," "Worn-out Water Mains Renewal" and the "Net Premia Funds" on the 31st March 1911 amounted to Rs. 7,72,704 5-8 (Rs. 7,71,984-2-8 in securities of the nominal value of Rs. 7,68,000 as given below and Rs. 720-3-0 in cash) :—

	Nominal Value.	Actual Cost.
	Rs. a. p.	Rs. a. p.
Municipal Building Fire Insurance Fund...	1,33,500 0 0	1,35,011 10 8
Worn-out Water Mains Renewal Fund ...	5,55,000 0 0	5,56,620 15 0
Net Premia, &c., Fund	79,500 0 0	80,351 9 0
Rs.	7,68,000 0 0	7,71,984 2 8

The Bank's safety receipts for the above securities and Pass-Books for the cash balance have been examined and found to be in order.

21. The safety receipts for securities in Government, &c., Paper received from the Municipal employés and contractors and lodged with the Bank of Bombay have been examined and found to be in order.

22. The securities furnished by the Municipal employés and on the record of the Chief Accountant's office have also been examined with the Registers maintained in his office, and found to be in order.

23. The balance of stock in hand on the 31st March 1911 as per books of the Chief Accountant, compared with that of the preceding year, was as follows:—

Department.	1909-1910.	1910-1911.
	Rs. a. p.	Rs. a. p.
Executive Engineer's Department	2,006 13 11	136 11 0
General Stores Department.		
General Stores	4,89,841 0 8	3,46,008 14 6
Surplus and Obsolete Stores	45,050 8 5	43,086 12 6
Line Suspense Account	1,20,987 3 5	1,18,731 13 1
Total Rs. ...	6,55,878 12 6	5,07,827 7 7
Stores (Sales)	4,923 14 1	18,348 12 7
Water Works Imprest	978 0 3	1,376 4 5
Stock Adjustment Account	—10,148 1 6	—12,398 4 1
Total Rs. ...	—4,246 3 2	7,326 12 11
Grand Total Rs. ...	6,53,639 7 3	5,15,290 15 6

24. In accordance with the instructions contained in para. XXIX of the Stores and Stores Audit Manual, a balance sheet of the General Stores Department has been prepared in the form of Appendix O of the Manual, giving two sets of figures, one from the Books of the Chief Accountant and the other from the balance sheet of the Storekeeper. The difference in the balance on the 31st March 1911, between the two sets of figures, has been explained by a footnote in the statement hereto attached.

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,

Municipal Auditors.

BOMBAY, *8th August* 1911.

Statement of Stores Transactions for the year ending 31st March 1911.

(Appendix O of the Stores and Stores Audit Manual.)

General Stores Department.	Figures as per Books of the Chief Accountant.					Figures as per Balance Sheet of the Storekeeper.				
	Balance on 31st March 1910.	Receipts during 1910-11.	Total.	Issues during 1910-11.	Balance on 31st March 1911.	Balance on 31st March 1910.	Receipts during 1910-11.	Total.	Issues during 1910-11.	Balance on 31st March 1911.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Stores ...	4,89,841 0 8	5,15,311 4 3	10,05,152 4 11	6,59,148 6 5	3,46,003 14 6	4,61,821 8 0	5,25,963 8 7	9,87,785 0 7	6,41,630 6 8	3,46,154 10 7
Surplus and Obsolete Stores	45,050 8 5	11 10 3	45,062 2 8	1,975 6 8	43,086 12 0	45,050 8 5	271 15 9	45,322 8 2	2,235 12 2	43,086 12 0
Line Suspense Account	1,20,987 3 5	328 6 7	1,21,315 10 0	2,583 12 11	1,18,731 13 1	1,20,987 3 5	328 6 7	1,21,315 10 0	2,583 12 11	1,18,731 13 1
Total Rupees ...	6,55,878 12 6	5,15,651 5 1	11,71,530 1 7	6,63,702 10 0	5,07,827 7 7	6,27,859 3 10	5,26,563 14 11	11,54,423 2 9	6,46,449 15 1	5,07,973 3 8
									Difference ...	* 145 12 1
										5,07,827 7 7

* The difference of Rs. 145-12-1 between the Balances on 31st March 1911 as shown above is mainly due to non-adjustments of the value of certain Stores in the Books of the Chief Accountant. These adjustments will be made on receipt of complete information and documents from the different Departments.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *8th August* 1911.

MUNICIPAL OFFICES,
BOMBAY, *2nd June 1911.*

FROM

THE MUNICIPAL AUDITORS,
BOMBAY.

To

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

In accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honor to forward herewith the three Appendices, marked A, B and C, containing the result of the scrutiny of the outstanding Bills of Rates and Taxes, which were in the hands of Ward Clerks and in the office of the Assessor and Collector on the 31st March 1911.

2. These Appendices form part of the Annual Report on the Municipal Accounts for the year 1910-11, now under preparation.

We have the honor to be,

Sir,

Your most obedient Servants,

BHUKANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

Appendix A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1911.

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water Charged by Meter.	Tax on Vehicles and Animals.	Meter Hire.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A. ...	326	11,289 9 11	3,090 6 4	2,468 14 10	16,848 12 1	2 0 0	1,580 12 0	1,312 7 5	576 11 0	190 0 0	20,512 10 6
A.—City Improvement Trust.	1837	32,239 6 3	3,638 1 8	3,650 12 8	39,608 4 9	8 14 6	177 3 9	840 15 6	.....	101 0 0	40,736 6 6
A.—Government, Port Trust and Railways.	562	290 1 9	.....	255 12 7	545 14 4	315 0 0	8,583 6 2	6,477 3 7	44 0 0	270 0 0	16,235 8 2
B ...	117	5,516 6 3	1,991 9 4	1,524 5 6	9,032 5 1	3 0 0	51 0 6	7,078 8 8	98 15 7	43 0 0	10,306 13 10
C ...	92	2,922 11 9	564 7 10	858 15 4	4,686 2 11	4 0 0	25 3 10	422 15 3	111 11 0	18 0 0	5,266 6 0
D ...	119	3,524 11 10	738 14 8	921 0 3	4,984 10 9	.....	15 14 8	2,092 8 7	21 7 0	21 0 0	7,146 9 0
E ...	144	2,823 0 1	437 1 8	588 13 5	3,363 15 2	1 0 0	130 11 9	1,440 4 9	259 7 0	37 0 0	5,342 6 8
F ...	181	1,312 13 11	251 5 7	395 5 0	1,959 8 6	1 0 0	.....	67 3 0	53 11 0	15 0 0	2,096 6 6
G ...	240	2,062 10 6	529 7 8	592 6 0	3,254 8 2	6 0 0	.....	595 13 8	98 0 0	22 0 0	3,876 5 10
Total ...	3,118	61,866 8 3	11,661 6 9	11,256 2 7	84,284 1 7	340 14 6	10,554 9 9	14,189 0 5	1,415 14 7	712 0 0	1,11,457 9 0

BHUKANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

MUNICIPAL OFFICES,
BOMBAY, *2nd June 1911.*

Appendix B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the year 1909-10 and previous years in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st March 1911.

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhore Service.	Water Charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		FOR THE YEAR 1909-10.								
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.	24	306 15 1	108 4 4	97 0 10	512 4 3	.....	.....	291 0 2	129 0 0	932 5 0
A.—City Improvement Trust.	36	1,329 12 10	266 0 0	364 7 2	1,960 4 6	.....	.....	26 1 0	.....	1,986 5 6
A.—Government, Port Trust and Railways.	29	24 5 2	.....	.....	24 5 2	.....	16 14 8	277 8 0	.....	317 11 10
B	6	213 15 9	59 6 8	54 2 5	327 8 10	.....	.....	20 6 11	40 6 0	388 5 9
C	4	63 14 6	22 5 0	39 3 10	125 7 4	.....	.....	4 8 1	.....	129 15 5
D	8	4 12 8	.....	.....	4 12 8	.....	.....	.....	55 0 0	59 12 8
E	2	.....	.....	.....	.....	.....	.....	.....	18 12 11	18 12 11
F	14	22 8 2	5 11 1	6 2 5	34 5 8	.....	.....	.....	6 0 0	40 5 8
G	26	86 3 2	46 12 7	29 6 8	132 6 5	1 0 0	.....	2 12 1	.....	136 2 6
Total carried forward.	161	2,052 7 4	478 8 2	590 7 4	3,121 6 10	1 0 0	16 14 8	622 4 10	249 2 11	4,009 13 3

Appendix B.—*concld.*

Wards.	No. of Bills.	Amount. On Value. General Tax.	Water Tax.	Halalkhor Tax.	Total.	Compounded or Special. Compound Water Service.	Special Halalkhor Service.	Water Charged by Meter.	Tax on Vehicles and Animals.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
ht over ...	151	2,052 7 4	478 8 2	590 7 4	3,121 6 10	1 0 0	15 14 8	622 4 10	249 2 11	4,009 13 3
FOR THE YEAR 1908-09.										
A	5	1 14 2	0 12 7	1 8 0	4 2 9	.....	.....	.....	27 11 0	31 13 9
A.—City Improvement Trust ...	2	0 6 8	0 2 10	4 4 0	4 13 6	.....	.....	.....	.....	4 13 6
B	2	44 14 11	.....	.....	44 14 11	.....	.....	.....	.....	44 14 11
D	1	.....	.....	.....	.....	.....	.....	.....	11 0 0	11 0 0
E	3	12 0 11	5 9 7	4 0 1	21 0 7	.....	.....	.....	16 0 0	37 0 7
Total ...	13	59 4 8	6 0 0	10 1 1	75 5 9	.....	.....	.....	54 11 0	130 0 9
FOR THE YEAR 1907-08.										
B	4	47 15 2	.....	17 2 10	65 2 0	.....	.....	.....	25 6 0	90 8 0
C	2	.....	.....	.....	.....	.....	.....	.....	12 5 6	12 5 6
E	3	121 6 5	50 11 8	43 7 10	215 9 11	.....	.....	.....	.....	215 9 11
G	4	7 9 6	.....	2 9 0	10 2 6	.....	.....	.....	.....	10 2 6
Total ...	13	176 15 1	50 11 8	63 5 8	290 14 5	.....	.....	.....	37 11 6	328 9 11
FOR THE YEAR 1906-07.										
C	1	.....	.....	.....	.....	.....	.....	.....	9 15 2	9 15 2
FOR THE YEAR 1900-01.										
C	2	54 6 0	17 6 6	13 0 10	84 13 4	.....	.....	.....	.....	84 13 4
Grand Total ...	180	2,343 1 1	552 10 4	676 12 11	3,572 8 4	1 0 0	15 14 8	622 4 10	351 8 7	4,563 4 5

MUNICIPAL OFFICES,
BOMBAY, *2nd June 1911.*

BHUKANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

Appendix C.

SUMMARY OF APPENDICES **A** AND **B.**

Years	Appendix A. No. of Bills.	Appendix A. Amount.	Appendix B. No. of Bills.	Appendix B. Amount.	Grand Total. No. of Bills.	Grand Total. Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1910-1911	3,118	1,11,487 9 0	.....	.....	3,118	1,11,487 9 0
1909-1910	.....	.....	151	4,009 13 3	151	4,009 13 3
1908-1909	.....	.....	15	130 0 9	15	130 0 9
1907-1908	.....	.....	13	328 9 11	13	328 9 11
1906-1907	... ..	.....	1	9 15 2	1	9 15 2
1900-1901	.....	.....	2	84 13 4	2	84 13 4
Total ...	3,118	1,11,487 9 0	180	4,563 4 5	3,298	1,16,050 13 5

Outstanding amount on the same date last year was Rs. 1,14,806-2-10.

MUNICIPAL OFFICES,
BOMBAY, *2nd June* 1911.

BHUKANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *2nd August* 1911.

FROM

THE MUNICIPAL AUDITORS,
BOMBAY.

TO

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

We have the honour to forward herewith our Report on the Accounts of the School Committee for the year 1910-11.

We have the honour to be,

SIR,

Your most obedient servants,

BHUKHANDAS B. DESAI,

SHIWARAM TRIMBAK THAKUR,

Municipal Auditors.

REPORT ON THE ACCOUNTS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1910-11.

In accordance with Bye-law No. 15 of the Schools Committee, we beg to report that we have audited the accounts, examined all vouchers, relating to the Receipts and Disbursements of the School Fund, in charge of the Schools Committee from the 1st April 1910 to the 31st March 1911, and found them in order.

2. The total receipts of the Schools Committee during the year under report amounted to Rs. 3,61,149-14-0 against Rs. 2,37,630-7-7 during the year 1909-10. The increase of Rs. 1,23,519-6-5 is mainly due to the increased contribution made by the Municipal Corporation to the School Fund during the year.

3. The total expenditure during the year 1910-11 amounted to Rs. 3,30,890-13-0 against Rs. 2,88,202-3-6 in the year 1909-10. The increase of Rs. 42,688-9-6 in the expenditure is mainly due to the following causes :—

(*a*) Opening of new schools and consequent additional expenditure on account of (1) Salaries of teachers and servants; (2) Rent of school-houses; (3) Purchase of furniture, &c.
(*b*) Increase in rents of existing school-houses.
(*c*) Employment of additional teachers and general increase to salaries of old teachers in existing schools.
(*d*) Increase in the grants paid to Primary Schools.
(*e*) Adjustment of the amount of expenses incurred on the building of the Sorabji Shapurji Bengali Girls' School in previous years and outstanding on the books of the School Committee under the head "Advances" (*vide* Schools Committee Resolution, dated 2nd August 1911).

4. It will be seen from the foregoing paras. 2 and 3 that the total receipts were greater than the total outgoings by Rs. 30,259-1-0 during the year under report.

5. The sanctioned total Budget Grant for expenditure during the year under report has not been exceeded; but more expenditure has been booked than the Budget Grant under the following heads :—

A.—Schools.	Budget Grant.	Expenditure booked.	Excess over Budget Grant.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
School Furniture...	9,000 0 0	11,871 14 0	2,871 14 0
Contingencies and Miscellaneous ...	10,160 0 0	10,639 5 4	479 5 4
Grants-in-aid to Primary Schools ...	36,000 0 0	36,053 0 0	53 0 0
Total Rs. ...	55,160 0 0	58,564 3 4	3,404 3 4

It is requested that the Secretary may be instructed to obtain the necessary transfer of grants to meet the excesses under the heads enumerated above.

6. The total Assets and workable balance of the School Fund on the 31st March 1911 amounted to Rs. 50,721-1-9 and Rs. 46,169-7-0 respectively, as per details given below :—

Advances Recoverable		Rs.	95 0 0
Government Promissory Notes and other Securities belonging to Prize Funds, deposited with the Bank of Bombay (Nominal value)...		„	4,000 0 0
Cash Balance—			
In the Bank of Bombay	Rs. 46,584 2 9		
In the Office Treasury	„ 41 8 0		46,626 1 9
Total Amount of Assets ...		Rs.	50,721 1 9
Deduct—			
Total Liabilities of the School Fund on account of Prize Funds	Rs. 4,185 6 3		
Do. on account of Deposit accounts	„ 366 4 6		4,551 10 9
Total amount of the workable balance of the School Fund on the 31st March 1911...		Rs.	46,169 7 0

7. The balance in the Pass-Book of the Bank of Bombay was verified by us and found correct; and the safety receipts for the Government Papers, etc., lodged with the Bank of Bombay, were examined by us and found to be in order.

BHUKHANDAS B. DESAI,
SHIWARAM TRIMBAK THAKUR,
Municipal Auditors.

BOMBAY, *2nd August* 1911.

PART II.

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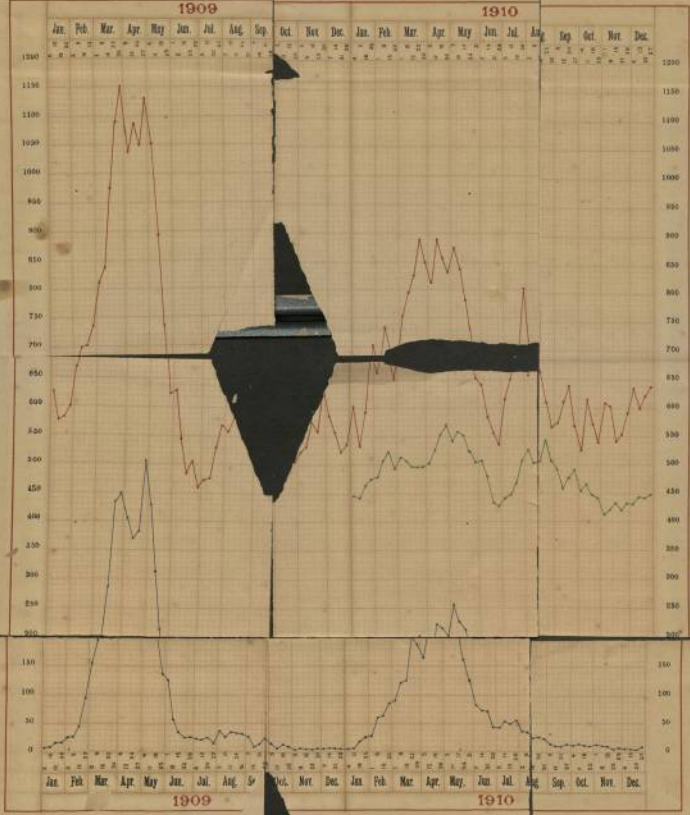
DIAGRAM

Weekly Total and Plague Mortality in 1909 and 1910



TOTAL _____ PLAGU _____ Average of 5 years before PLAGUE _____

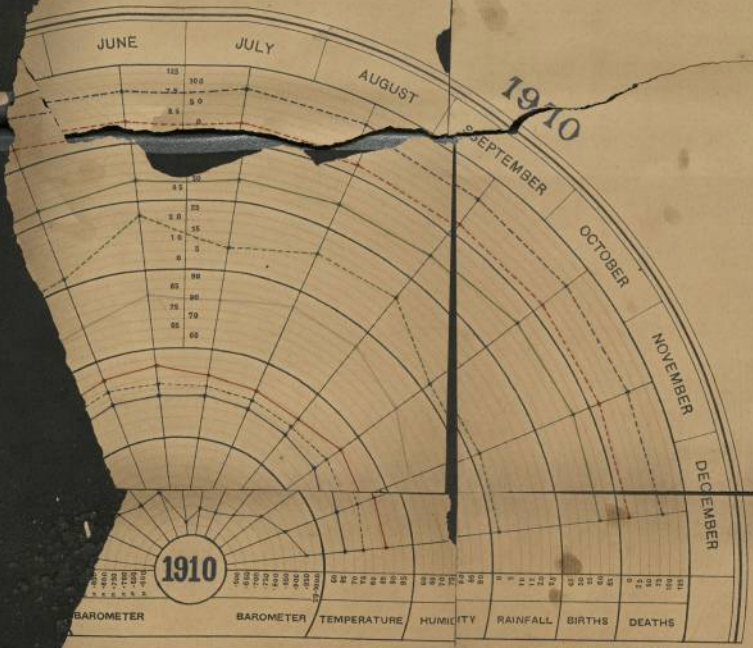
Sent Kanawha Printing Press, Gibson Bowers.

DIAGRAM

HS AND CLIMATIC CONDITIONS IN BOMBAY.

NG THE SEVERAL MONTHS

OF



DAILY MEAN BIRT

Karunesh Printing Press, Cuttack Bombay.

PUBLIC HEALTH.

Annual Report of the Executive Health Officer for 1910.

I have the honour to submit my Annual Report for 1910 on the Conditions and Administration of the Public Health of Bombay.

Area and Population.

The area of the City and Island is 22·55 square miles; the population, according to the Census of 1906, is 9,77,822, and this figure is the basis of calculation of the Birth and Death rates in this Report.

Summary of Health Conditions during 1910.

The health conditions of the City during the year reveal a notable improvement in respect of the mortality from Plague, Cholera and Phthisis: the number of deaths from Plague, which in 1909 had reached the lowest figure of 5,197, further declined by 1,541 to 3,656 in the year under report; while Cholera caused 620 deaths less than in 1909, and Phthisis 133 less. The total mortality, however, exceeded the figure for the previous year by 55. This is accounted for by the fact that the decreases indicated above were counterbalanced by increases under Small-pox and Measles, Fevers and Diarrhœal and Respiratory Diseases.

Small-pox was epidemic from the second week of February to the third week of May, and caused 535 more deaths than in the previous year. Of the other diseases it has to be observed that, while there was continued improvement in the general health during the first two quarters of the year, and the mortality returns of the City were fairly normal, the third quarter afforded a striking illustration of the influence of unfavourable atmospheric conditions. For a wave of unhealthiness of unusual intensity swept over the City during the earlier weeks of the quarter. Abnormally wet weather was experienced in June and culminated in a record rainfall on the 23rd of the month. Then followed an unusually long spell of fine weather and an excess of humidity in the air with a high summer temperature. The result was that the whole of July and the greater part of August witnessed large increases in the mortality from fevers and intestinal and respiratory diseases, especially among infants and children under five years. Thus, compared with June, July recorded a rise of 117 per cent. in the infant mortality from Diarrhœal Diseases, 95 per cent. from Fevers, 31 per cent. from Respiratory Diseases and 41 per cent. under all causes; the increases in the mortality under these several heads among children under five years (infants excluded) were 167 per cent., 44 per cent., 28 per cent. and 63 per cent. respectively. It is, however, satisfactory to find that, notwithstanding these serious increases, the total mortality of the City for the year was only a trifle higher than that for 1909.

The registration of births showed some improvement on the previous year: a hundred more births were registered during 1910.

COMPARATIVE TABLE OF THERMOMETRICAL READINGS.

Mean Temperature.

MONTHS.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
January	74·3	74·2	77·0	74·4	76·0	73·1	74·0	76·9	75·6	73·0	74·7
February	75·3	73·6	77·5	74·5	77·7	71·4	73·7	76·4	75·4	74·8	77·0
March	79·6	80·1	81·9	76·7	79·9	76·1	77·5	79·8	77·6	79·8	79·7
April	82·9	84·2	84·4	82·2	83·1	79·7	81·5	83·4	83·3	82·2	82·9

Maximum Temperature.

MONTHS.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
January	84·6	83·2	87·1	84·1	86·8	83·4	85·4	86·3	84·8	79·6	85·1
February	81·4	85·2	85·0	87·8	88·8	81·8	84·6	84·8	89·4	83·0	88·4
March	89·4	92·3	89·8	84·2	91·1	83·8	84·9	88·4	86·4	87·2	90·4
April	88·8	91·2	89·6	90·1	88·2	86·0	88·8	88·9	94·3	90·1	88·6

Minimum Temperature.

MONTHS.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
January	64·1	65·2	66·4	62·3	63·3	57·4	62·3	67·2	63·4	62·7	64
February	67·9	60·1	65·9	62·4	68·3	58·4	63·6	64·2	62·3	66·1	67
March	70·2	69·3	73·4	66·7	70·7	63·8	69·2	71·4	65·4	73·0	
April	75·0	76·7	77·6	69·4	76·6	68·7	73·4	76·7	75·9	73·9	

Rainfall.

In the following Table is shown the rainfall by months during the several years from 1901 to 1910:—

TABLE OF RAINFALL BY MONTHS DURING 1901-1910.

YEAR.	January to June.	July.	August.	September to December.	Total.
1901	26·15	32·70	14·27	2·20	75·32
1902	9·77	16·96	16·53	28·71	71·97
1903	27·71	24·82	18·23	13·73	84·49
1904	15·19	10·14	5·72	2·37	33·42
1905	6·61	15·30	4·35	7·40	33·66
1906	13·35	18·10	20·91	3·94	56·30
1907	22·82	59·26	15·93	2·77	100·78
1908	15·41	21·13	9·67	7·33*	53·54
1909	16·68	31·37	7·82	15·35	71·22
1910	**23·95**	**7·42**	**16·89**	**19·60**	**67·86**

The total rainfall recorded at the Colaba Government Observatory during the year under review was 67·86 inches against 71·22 in 1909 and 53·54 in 1908.

Rain fell on 104 days during 1910 against 100 days in 1908 and 1909: on 2 days in May, 25 days in June, 22 in July, 27 in August, 23 in September, 3 in October and 2 in November. The maximum monthly rainfall was 23·92 in June and the 23rd of the month registered at Colaba 8·14 inches, the record rainfall for a single day.

Comparison of 1910 with the preceding decennium (1900—1909).

Before proceeding to the detailed examination of the various factors relative to the condition of Public Health during 1910, it would be interesting to review the Birth and Death returns of the city during the preceding decennium (1900—1909), with a view to ascertain the improvement in the general health that has been wrought during that period.

TABLE OF BIRTHS AND DEATHS REGISTERED FROM PRINCIPAL CAUSES DURING 1900—1910.

Year.	Births.	Small-pox.	Measles.	Plague.	Fevers.	Cholera.	Diarrhœa and Dysentery.	Phthisis.	Tubercle of Lungs and other Tubercular Diseases (including Phthisis.)	Diseases of the Respiratory system.	All Causes.
1900 ...	12,688	3,018	1,500	13,285	9,022	4,273	8,678	8,199	8,466	12,522	79,370
1901 ...	13,520	159	67	18,736	9,481	198	3,716	6,516	7,089	7,804	59,405
1902 ...	17,599	288	643	18,820	5,169	75	3,643	3,957	4,595	7,256	48,474
1903 ...	16,375	1,477	1,115	20,788	2,500	17	2,760	2,842	3,468	7,101	50,513
1904 ...	19,556	568	229	13,538	2,580	219	2,784	2,971	3,548	7,339	42,676
1905 ...	18,141	2,161	630	14,198	2,878	26	3,591	2,558	3,183	9,103	47,762
1906 ...	20,769	276	936	10,823	4,882	1,241	4,778	3,567	4,052	11,731	52,874
1907 ...	19,535	66	107	6,389	3,533	449	3,489	2,877	3,440	9,022	38,687
1908 ...	20,166	1,026	658	5,361	3,408	85	3,184	2,887	3,023	8,954	38,271
1909 ...	19,839	473	75	5,197	2,800	727	2,585	2,415	2,863	7,974	34,878
Average (1900—1909)	17,918	953	594	12,213	4,529	731	3,900	3,828	4,372	8,880	49,292
1910 ...	**19,939**	**1,008**	**184**	**3,656**	**3,113**	**107**	**3,352**	**2,282**	**2,839**	**8,212**	**34,933**

Referring to the Table above, we find distinct improvement has taken place in the registration of births in the City; and the number of births registered during 1910 exceeds by 2,021, the mean for the preceding decade. The increase, however, is not progressive or continuous, being disturbed at intervals by slight variations, everywhere characteristic of Birth Returns; these variations are significant of the effect of the change of constitution of the population in regard to age, sex, and condition as to marriage, as also of the fact that the system of Registration of Births though improving is not yet perfect.

Adverting to the Death Returns, if we analyse the figures for the eleven years, we shall notice that the history of the various diseases during this period is distinguished by the common feature of a gradually diminishing incidence, indicating the increasing control under which they have been brought in successive years.

Thus, it is found that the figures for 1900 indicate the maximum mortality from the different diseases with the exception of Fevers, which showed a slight upward trend in the following year, and of Plague whose steady decline dates from 1906.

Taking the years of high mortality in case of Small-pox—1900 (3,018), 1903 (1,477), 1905 (2,161), 1908 (1,026), and 1910 (1,008)—we notice that, while all these were years of epidemic incidence, the mortality never again approached the figure of 1900, and was the lowest during 1910.

The mortality from Measles during the years of greatest prevalence fell from 1,500 in 1900 to 1,115 in 1903, to 936 in 1906, to 653 in 1908 and to 184 in 1910, with a decrease of 410 below the ten-year average.

Plague mortality, which with fluctuations fell to 16,823 in 1906, steadily declined in succeeding years until it stood at one-third the figure in 1910 (3,650), being 8,557 less than the last decennial mean.

Fever mortality has also fluctuated during the period, but in 1910 even with the large increase due to causes set out before, it stood at 3,113, showing a decrease of 1,516 below the decennial average.

Passing on to Cholera, we find that the epidemics of the disease were, in general, of decreasing severity, and the mortality in the year under review shows a diminution of 624 below the average of the preceding ten years.

Under Diarrhœa and Dysentery a reduction of 548 is noticeable compared with the above average.

The incidence of Phthisis, in spite of a slight upward tendency at intervals, reveals a notable diminution of 1,546 deaths below the ten-year mean, while the mortality in 1910 was the lowest on record.

Tubercular Diseases including Phthisis are seen to have followed a similar course and their diminished prevalence is indicated by 1,533 fewer deaths than the decennial mean.

And finally, the mortality from all causes has sunk from 79,350 to 34,933, showing, by comparison as above, a saving to the City of 14,359 lives.

The number of births registered during the year, excluding still-births, was 19,939; being 830 less than in 1906 and 227 less than in 1908, but higher than in any other year, and exceeding the last decennial average by 2,021.

The birth-rate per 1,000 of population was 20·39 against 20·28 in 1909. Distributed according to sex, there were 10,293 male and 9,646 female births, the respective birth-rates being 16·79 and 26·44 per 1,000 of sex population.

An examination of the figures for a series of years will reveal wide fluctuations in the number of births registered: as a result of various factors we have to reckon with.

I have pointed out in my previous reports that the system of the Registration of Births in the City though improving is not yet perfect. Ignorance of the statutory obligation to notify births, indifference to discharge it where known, habits and modes of thought which in general do not favour notification—the reasons for registration being beyond popular comprehension; the custom prevalent in Bombay for prospective mothers to leave the City and return with an infant a few months old, so that such children belonging to the City have not their births registered; the custom for families to leave the City for three or four months, with the result that many children are born outside it and yet belong to it; all these are among the factors which militate against a more complete registration.

Hence the birth-rate measured on the number of births actually registered does represent the truth, but falls far below it.

It is desirable for these reasons to make a comparison of birth-rates based not the total number of population, but also on the number of possible mothers.

There are also other factors, common to every country, which furnish of equal importance: the effect of the changing constitution of the population in sex, and condition as to marriage has also to be taken into account in measuring especially in measuring and comparing it over a series of years.

The crude birth-rate, that is, the birth-rate based on the proportion to the total population at all ages, ignores these factors; hence, though it paring the birth statistics from year to year, or in conjunction with the the natural increase in the population, it is not adapted for comp of years.

We must also take into account, to arrive at a correct estimate, children of mothers belonging to the City but born outside it, and children who, though born in the City, escaped registration for the general reasons set out above.

Proceeding on these lines, we find that, during 1910, 5,425 of such children under 1 year of age were vaccinated primarily, but a large number must have escaped vaccination either by death or postponement. It is observed that 31·50 of the births registered are not vaccinated (*vide* Table 22); it would therefore be safe to assume that 31·50 of the unregistered children are not vaccinated for the same reason, *viz.*, death or postponement.

Thus, the infant population in the City during the year under report works out as follows:—

Number of Births registered	19,939
Number of Births unregistered (of children under 1 year primarily vaccinated in Bombay)	5,425
Number of Births unregistered and escaped vaccination (being 31·50 per cent.)	1,709
Total Number of Births ...	27,073

giving the birth-rate of 27·68 per 1,000 of population compared with 36·65, the birth-rate for the whole of India.

That this is not over-estimating, the figure is borne out by the Table below, from which it will be seen that while in England and in Glasgow the birth-rate per cent. of the females between 15-45 years of age is 10·2, it is 12·2 in Bombay; and that while the percentage of child-bearing women between the ages of 15-45 years to the total female population is 46 in England, it is 77 in Bombay; the percentage of married women between the ages of 15-20 is ·7 in England, it is 76·4 in Bombay.

Place.	Population.	Proportion per cent. of women between 15-45 years in the total population of both sexes and all ages.	Proportion per cent. of married women in the female population between 15-45 years.	Proportion per cent. of married women between 15-45 in different age groups.				Persons married to 1,000 marriageable persons in the population.	Birth-rate calculated per 1,000 of population at all ages.	Birth-rate calculated per 1,000 of female population between 15-45 years.
				15-20	20-25	25-35	35-45			
England and Wales...	3,57,56,615	25·0	46·8	·7	11·8	46·8	40·7	44·5	25·6	102·3
Glasgow	8,72,021	...	43·5	...	...	...	...	...	26·5	102·7
Bombay	9,77,822	22·6	77·0	76·4	85·9	80·9	58·5	73·8	20·39*	122·4

The birth-rate for 1910 calculated on the number of births registered per 1,000 of population is 20·39 and marks an improvement on the previous three years.

TABLE SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATES PER 1,000 OF POPULATION DURING 1900—1910.

Year.	Population.	No. of Births registered.	Birth-rate per 1,000 of Population.
... ...	8,21,764	12,688	15·43
... ...	7,76,006	13,520	17·42
... ...		17,599	22·67
... ...		16,375	21·10
... ...		19,556	25·20
... ...		19,141	24·66
... ...	9,77,822	20,769	21·24
... ...		19,535	19·97
... ...		20,166	20·62
... ...		19,839	20·28
... ...		19,939	20·39

*lated by adding children born out of Bombay of women belonging thereto.)

Birth-rate by Sections.

Of the different Sections constituting the City, First Nagpada stands out with the highest birth-rate of 37·18 for the year; it has been showing very noticeable improvement since it was rebuilt upon after demolition owing to the operations of the City Improvement Trust. Next comes Byculla with a steady increase from 26·56 in 1907 to 35·30 in 1910. Then follow Tarwadi (28·69), Mahim (26·94), Sewri (26·14), and Sion (26·08). The Sections which registered a higher rate than in 1909 were Fort Southern, Esplanade, Umerkhadi, Dongri, Dhobi Talao, Fanaswadi, Khetwadi, Girgaum, Tarwadi, Byculla, 1st Nagpada, Parel, Sewri, Sion and Mahim.

Of these, First Nagpada, Girgaum and Umerkhadi show the largest increases of birth-rate, namely, 7·50, 3·62 and 2·95 over the rate for 1909. Considering the statistics for the four years 1907—1910, it will be observed that the Sections which exhibit a progressive increase are Parel, Sewri, Dongri, Fanaswadi, Byculla and Sion. The lowest birth-rate is recorded as in the past for Fort Southern, a purely business locality and not residential.

TABLE OF BIRTH-RATES FOR THE DIFFERENT SECTIONS OF THE CITY FOR 1907-1910.

Ward.	Sections.	1907.	1908.	1909.	1910.
A	Upper Colaba ...	23·84	23·84	25·69	24·37
	Middle and Lower Colaba ...	16·85	16·26	18·75	17·30
	Fort Southern ...	10·14	5·07	3·54	4·56
	Fort Northern ...	21·61	19·73	18·24	17·72
	Esplanade ...	19·24	14·52	13·89	14·25
B	Mandvi ...	15·19	13·70	11·58	11·26
	Chukla ...	22·75	17·94	19·37	17·26
	Umarkhadi ...	18·28	17·59	19·13	22·08
	Dongri ...	20·69	21·27	21·55	22·25
C	Market ...	10·56	10·81	10·16	8·29
	Dhobi Talao ...	19·26	18·52	19·23	20·54
	Fanaswadi ...	12·34	14·50	15·21	15·97
	Bhuleshwar ...	14·97	13·37	13·90	13·34
	Khara Talao ...	24·20	20·90	19·85	19·34
	Kumbharwada ...	16·68	18·14	17·99	15·92
D	Khetwadi ...	19·65	18·16	16·08	16·17
	Girgaum ...	16·55	15·57	14·72	18·34
	Chaupati ...	15·42	14·50	15·72	13·88
	Walkeshwar ...	14·74	11·98	13·48	13·00
	Mahalakshmi ...	18·62	19·14	19·71	19·51
E	Mazagon ...	25·13	30·31	24·42	22·35
	Tarwadi ...	27·01	30·21	28·65	28·69
	Second Nagpada ...	25·48	25·25	23·02	22·48
	Kamathipura ...	23·73	25·57	22·39	21·59
	Tardeo ...	26·31	26·03	23·58	22·84
	Byculla ...	26·56	33·41	33·75	35·30
	First Nagpada ...	28·48	24·28	29·68	37·18
F	Parel ...	20·37	21·18	21·74	22·16
	Sewri ...	20·01	22·52	24·77	26·14
	Sion ...	21·33	24·61	25·36	26·08
G	Mahim ...	32·33	27·10	25·78	26·94
	Worli ...	20·76	26·43	26·91	26·03
	Harbour, Docks, Railways and Homeless ...	0·21	0·06	0·06	0·03
	Total ...	19·97	20·62	20·28	20·39

Births.

The highest number of births in a single month were registered in December (1,919) and the lowest in May (1,475). 1,701 births were registered during January, and the number fell to 1,475 in May. It rose with June to 1,919 in December. As usual, the largest number was registered in the fourth quarter and the smallest in the second.

The recorded birth-rate for the entire population is 20·39 for the year under review, and though slightly higher than in 1909 was lower than in 1908. The Jews, as in previous years, exhibit the highest birth-rate, which has risen from 37·26 in 1907 to 46·20 in 191[illegible]. Next come Buddhists, among whom the birth-rate appears to have taken a forward leap [illegible]

14·08 in 1907 to 21·12 in 1908 to 35·21 in the year under notice. Native Christians exhibit a similar and continuous improvement from 22·40 in 1907 to 31·92 in 1910. The European birth-rate has risen from 13·35 in the preceding year to 15·51; while the Eurasian has dropped from 21·47 in 1909 to 18·66—below that of 1908 (19·17). Among Parsees there is a notable increase from 26·05 in 1909 to 28·44. Mussalmans, who were recorded in my last Annual Report as the single community among whom the birth-rate was steadily declining, have registered a slight increase over 1909. The Hindu birth-rate has further declined to 18·58.

TABLE OF BIRTHS AND BIRTH-RATES AMONG DIFFERENT COMMUNITIES DURING 1908-1910.

RACE OF CASTE.	1908.		1909.		1910.	
	Number of Births.	Annual Rate per 1,000 of population.	Number of Births.	Annual Rate per 1,000 of population.	Number of Births.	Annual Rate per 1,000 of population.
Hindus. Jains	212	19·50	340	18·90	233	18·58
Brahmins	352		448		340	
Lingaits...	18		7		30	
Bhatias	146		255		122	
Hindus of other Castes ...	9,715		9,341		9,526	
Hindus Low Caste	3,334		2,957		2,871	
Mussalmans	3,884	32·02	3,858	22·87	3,896	23·12
Parsees	1,240	25·39	1,272	26·05	1,389	28·44
Jews	196	36·51	217	40·43	248	46·20
Native Christians	778	25·74	850	28·12	965	31·92
Eurasians	75	19·17	84	21·47	73	18·66
Europeans	203	14·12	192	13·35	223	15·51
Negro Africans	...	...	5	...	5	... *
Buddhists	6	21·12	6	21·12	10	35·21
Other and Unknown Castes ...	7	875·00	7	875·00	8	1,000·0
Total ...	20,166	20·62	19,839	20·28	19,939	20·39

* Negro Africans are included in Mussalmans.

Total Mortality and Death-rate.

The total number of deaths registered from all causes collectively during 1910 was 34,933 against 34,878 in 1909 and 38,271 in 1908, giving the death-rate of 35·72 per 1,000 of population against 35·66 and 39·13 respectively. The mortality was thus a trifle (55) higher than last year, but compared with the quinquennial mean shows a saving to the City of 7,561 lives. With the exception of the mortality for 1909, that for 1910 is the lowest on record since the appearance of Plague.

Compared with the death-roll for 1909, a very satisfactory reduction of 1,541 deaths is noticeable under Plague; of 620 under Cholera, 133 under Phthisis, and 140 under the Diseases of the Nervous System; on the other hand, Small-pox shows an increase of 535 deaths, Measles of 109, Fevers of 313, Diarrhœa and Dysentery of 767, and the Diseases of the Respiratory System of 238: the exceptional causes explanatory of these increases have been discussed above.

The figure of 34,933, however, represents the gross mortality of the City and admits of important correction: for it includes 578 deaths among persons newly arrived in the City and not belonging to it; on the other hand, it takes no account of those who, belonging to the City, died at any of the numerous outlying Sanatoria where they had been for treatment change of air.

At the suggestion of the Chairman of the Standing Committee of the Municipal Corporation made in his review of the Administration Report for 1909-1910, letters of enquiry on this last point were addressed by this Department to the Superintendents of the Sanatoria or Convalescent Homes at (1) Deolali, (2) Nasik, (3) Dharampur (Simla Hills), (4) Dumas (Surat), (5) Khandala, (6) Lonavla, (7) Poona, (8) Bandra, (9) Coorla and (10) to the Secretary of the Panchgani Municipality. From the replies received from seven of them it appears that only 5 persons belonging to this City died during 1910 at those Sanatoria. On the basis of these figures, the corrected number of deaths for the City works out to (34,933—578+5=) 34,360 giving the corrected ratio of 35·13 per 1,000 of persons living.

Mortality by Sex and Age Group.

The sex distribution of the mortality shows 19,371 male and 15,562 female deaths during the year under report, against 19,855 deaths among males and 15,023 among females in 1909. The male death-rate works out to 31·60 and the female to 42·65 per 1,000 of sex population against 32·39 and 41·18 in 1909, 35·31 and 45·57 in 1908 and 35·82 and 45·85 in 1907 respectively. It will be observed that there has been a slight increase in the proportion of male deaths compared with previous years.

Referring to the Table below it will be noticed that in the age-groups of 1-5 years, 5-10, 10-15 and 60 years and above, the female deaths exceed the male, but in the rest the preponderance is reversed :—

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1908, 1909 AND 1910.

Age Period.	1908.		1909.		1910.					
					MALES.		FEMALES.		PERSONS.	
	Total Mortality.	Percentage.	Total Mortality.	Percentage.	No. of deaths.	Percentage.	No. of deaths.	Percentage.	No. of deaths.	Percentage.
Under 1 year... ...	9,077	23·71	8,030	23·02	4,312	22·26	3,941	25·32	8,253	23·62
1 to 5 years ...	4,173	10·90	2,972	8·52	1,888	9·74	2,113	13·57	4,001	11·45
5 to 10 „ ...	1,108	3·67	1,208	3·46	524	2·70	649	4·17	1,173	3·35
10 to 15 „ ...	1,694	4·42	1,573	4·51	669	3·45	689	4·42	1,358	3·88
15 to 20 „ ...	3,152	8·23	2,833	8·12	1,573	8·12	1,274	8·18	2,847	8·14
20 to 30 „ ...	6,476	16·92	6,328	18·14	3,502	18·07	2,428	15·60	5,930	16·97
30 to 40 „ ...	4,198	10·96	4,050	11·61	2,451	12·65	1,300	8·35	3,751	10·73
40 to 50 „ ...	2,574	6·72	2,664	7·63	1,708	8·81	893	5·73	2,601	7·44
50 to 60 „ ...	2,471	6·45	2,334	6·69	1,345	6·94	874	5·44	2,192	6·27
60 years and upwards.	3,088	7·93	2,874	8·24	1,388	7·16	1,427	9·16	2,815	8·06
Unspecified Ages ...	10	0·02	12	·03	11	0·05	1	.....	12	0·03
Total ...	38,271	100·0	34,878	100·0	19,371	100·0	15,562	100·0	34,933	100·0

Infant Mo

A glance at the mortality under the different age-groups will show that by far the largest number of deaths occurred among infants, that is, in the group of under 1 year. This leads us on to the subject of Infant Mortality and the measures which this Department has been taking for the reduction of the wastage of infant life in the City.

The ten Municipal Nurses and Midwives, attached to the ten Registration Districts, into which the City has been divided, were during the year under review busy as in the past, attending on as many confinements as they could, visiting and verifying births that occurred in their respective districts, advising mothers on the care and rearing of infants, on the precautions and measures needed to safeguard the health of the infant and the mother, generally on matters relative to personal and domestic hygiene.

The following table continues the information which has been given for the last three years, summarising the results of the inquiries into the condition of newly-born children and the reports of work done by the Municipal Nurses and Midwives:—

Summary of inquiries and work of Municipal Nurses and Midwives.	1908.	1909.	1910.
Total Number of Births (including still-born) registered.	22,084	21,645	21,505
Percentage of still-born to the total Number of births registered.	8·68	8·34	7·28
Number verified by the Nurses	12,797	13,677	12,762
Percentage of the Number verified to the total	57·9	63·1	59·3
Do. Confinements unattended	31·0	18·0	15·2
Do. do. attended by unskilled women.	43·1	58·3	59·6
Do. do. do. do. qualified Nurses (including Municipal).	13·6	11·3	12·0
Do. Confinements attended by the Municipal Nurses.	4·0	4·5	5·6
Do. Children born in Hospitals	12·1	12·3	13·2
Do. do. born in healthy condition	53·5	67·8	68·9
Do. do. fed on breast	67·8	64·9	59·8
Do. do. dying within 30 days...	15·2	12·3	11·8
Do. cases where the mothers left home for work.	29·9	31·3	27·9

Analysis of the Table of work, etc.

An examination of the statement shows that 59·3 per cent. of the total number of births in the City were verified by the Nurses and Midwives against 63·1 in 1909; thus marking a decrease in verification work compared with the preceding year. But this seems to have been made up for by the larger number of confinements attended by them during the year; for the figure for 1910 (5·6) is a continuation of a progressively increasing percentage.

It will further be noticed that there has been a marked fall in the proportion of confinements wholly unattended, as the figure for 1908 (31), which dropped to 18 in 1909, further declined to 15·2 in 1910. And concurrently, there has been a perceptible increase in the percentage of confinements attended by qualified nurses compared with last year, and a continuation of increase in that attended by unskilled women from 43·1 in 1908 to 58·3 in 1909 and to 59·6 in 1910. Hospital births have also increased by one per cent. over last year. On the other hand, the percentage of still-births to the total number of births registered in the City has been steadily declining from year to year. If these facts be taken together, the behaviour of the figures suggests that the explanation of this decline may possibly be found in the diminishing percentage of births wholly unattended, and on the other hand in the increasing utilization of the services of trained and untrained midwives.

Proceeding further, it will be found that the percentage of children born in a healthy condition has steadily been increasing; and that the proportion of children fed on breast has dwindled, indicating greater recourse to artificial feeding, probably under conditions compelling mothers to leave home for work, whose number however exhibits an appreciable diminution in the year under notice.

The most encouraging feature of the figures, however, is the further decline (27·9) in the proportion of infants dying within thirty days of birth.

[redacted]uacy of the [redacted]umber of Nurses.

The frequent homely talks of the Municipal Nurses during their daily rounds bring them into touch with mothers whose infants must benefit thereby to a large extent; but the ten Municipal Nurses are but an inadequate number for the requirements of the numerous poor of this vast and growing City: and though the two female Health Visitors of the Bombay Sanitary Association co-operate in instructing the poorer classes in hygienic matters, yet what is of co-ordinate if not greater importance is the elimination of the unskilled woman or untrained midwife by the substitution of a trained midwife or nurse.

The subjoined table gives the number of deaths from principal causes among infants according to the three age-groups of 1—30 days, 1—6 months, and 7—12 months. The corresponding figures for 1909 are added for comparison.

A survey of the figures shows that infant mortality from all causes totals 8,253 deaths in 1910 and exceeds that for the preceding year by 223. Debility and Diseases of the Nervous and Respiratory System contributed in the aggregate more than three-fourths of the total number: 6,261 out of 8,253 against 6,323 out of 8,030 in 1909.

Unlike 1909, the year under notice was characterized by the epidemic incidence of small-pox, which accounts for the mortality from this disease being almost double that of 1909, which was a normal year in this respect.

The mortality from Measles slightly exceeds the figure for 1909; while the deaths from Ague and Remittent Fever exceed those for the preceding year by 41; from Diarrhœa and Dysentery by 63, from the Respiratory Diseases by 61; on the other hand, Malaria shows 2 deaths less, Debility 59 less and the Diseases of the Nervous System 64 fewer than in 1909.

The highest percentage of deaths (34·46) is seen to have taken place, as in the last year, among infants 1—30 days old, due mostly to Debility, Nervous Diseases and immaturity at birth; and the next highest under the age-group of 7—12 months, due mainly to the Diseases of the Respiratory and Nervous Systems and Diarrhœal Diseases.

The number of deaths from Puerperal Fever exceeded the figures for 1909 and 1908, being 394 against 363 and 360 respectively; while the deaths from the Diseases of the Generative System in females following parturition numbered 127 against 119 in 1909 and 130 in 1908.

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES.

Age Period.	Year.	Small-pox.	Measles.	Malaria.	Ague and Remittent Fever.	Diarrhœa and Dysentery.	Premature Birth.	Debility.	Nervous System.	Respiratory System.	All Causes.	Percentage of deaths in each age-period to total deaths under 1 year of age.
1 to 30 Days ...	1910	10	...	2	32	28	145	2,219	283	67	2,844	34·46
	1909	6	...	...	33	59	150	2,302	301	62	2,970	36·98
1 to 6 Months ...	1910	115	13	4	83	208	2	300	777	944	2,569	31·12
	1909	58	8	4	70	190	1	264	815	907	2,458	30·60
7 to 12 Months ...	1910	139	43	3	107	438	...	48	342	1,281	2,840	34·41
	1909	70	19	7	78	362	...	60	350	1,262	2,602	32·40
Total ...	1910	264	56	9	222	674	147	2,567	1,402	2,292	8,253	...
	1909	134	27	11	181	611	151	2,626	1,466	2,231	8,030	...

Proportion of deaths from each cause.

The following statement shows the percentage or proportion of mortality under each cause of death to the mortality from all causes among infants; the last column gives for Glasgow the percentages of infant deaths under each age-group to the total mortality in the three groups together and, as such, serves as an interesting comparison with the preceding column of figures for this City. If we review the details of infant mortality set out above in the light of this statement, we observe that:—*(i)* out of 19,939 children registered as born, 2,844 died within 30 days of birth, being 126 less than last year: for the majority of these (2,219 or 78·2 against 2,302 or 77·50 in 1909), the cause of death given was Debility, that is, want of vitality, immaturity at birth, wilful or ignorant neglect, and the methods adopted by the unskilled or untrained women attending the labour; *(ii)* 2,569 children, being 111 more than last year, died before attaining the age of 6 months, the cause of death, in the descending order of incidence, being 36·74, Diseases of the Respiratory System, 30·24 those of the Nervous System (convulsions), 11·67 Debility and 8·09 Diarrhœa and Dysentery; *(iii)* 2,840 of the children (being 238 more than in 1909) died before attaining the age of 12 months, the cause of death being, in the same order of incidence, 45·10 Diseases of the Respiratory System, 15·42 Diarrhœa and Dysentery, 12·04 Diseases of the Nervous System (Convulsions).

In the first group the maximum mortality is associated with *Debility*; in the second and third with Respiratory Diseases. The next most fatal cause is Diseases of the Nervous System in the first and second groups; and Diarrhœa and Dysentery in the third: all of which signify exposure and defective feeding.

TABLE OF :—PERCENTAGES OF INFANT DEATHS FROM PRINCIPAL CAUSES.

Age Period.	Small-pox.	Measles.	Malaria.	Ague and Remittent Fever.	Diarrhœa and Dysentery.	Premature Birth.	Debility.	Nervous System.	Respiratory System.	All Causes.	Glasgow (1909) All Causes.
1 to 30 days	0·35	...	·07	1·12	0·98	5·99	78·02	9·95	2·35	84·46	84·74
1 to 6 months	4·47	0·30	·15	3·23	8·09	0·07	11·67	30·24	36·74	81·12	33·25
7 to 12 months	4·89	1·51	·10	3·76	15·42	...	1·69	12·04	45·10	34·41	31·99
Total ...	3·19	·67	·10	2·68	8·16	1·78	31·10	16·98	27·77	...	.....

Infantile Deaths by Sections.

The rate of infant mortality for the entire City per 1,000 of births registered was 413·9 against 404·7 in 1909 and 450·1 in 1908 : and the Sections with a higher incidence of infant deaths are Fort Northern (426·7), Mandvi (713·9), Chukla (504·9) and Dongri (459·4), Market (651·8), Bhuleshwar (567·7), Khara Talao (493·2), and Kumbharwada (528·7), Girgaum (436·7), Mazagaon (457·9), Tarwadi (537·1), 2nd Nagpada (561·6) and Kamathipura (512·6). These, with the exception of Fort Northern, are among Sections with which a high rate of mortality is generally associated, being largely inhabited by the poorer and ignorant classes living in insanitary surroundings, and ill-lighted and ill-ventilated houses : for, the death-rate varies in inverse proportion to the social status of the population concerned. The same Sections with the omission of Dongri, Bhuleshwar and Khara Talao, and the addition of Esplanade, Khetwadi, Chaupati and Walkeshwar, Tardeo, Byculla and Worli show an increase of infant deaths over last year.

Upper Colaba registered the lowest rate (250) and Mandvi the highest (713·9) in the City : the largest excess over last year appears in the latter Section.

STATEMENT BY SECTION OF THE RATIO OF DEATHS AMONG CHILDREN UNDER 1 YEAR PER 1,000 OF BIRTHS IN 1909 AND 1910.

Ward.	Sections.	1909.	1910.	Ward.	Sections.	1909.	1910.
A	Upper Colaba	154·6	250·0	E	Mazagon	391·2	457·9
	Middle and Lower Colaba.	432·0	377·3		Tarwadi	516·6	537·1
	Fort, Southern	509·0	333·3		Second Nagpada	482·2	561·6
	Fort, Northern	32·7·0	426·7		Kamatipura	558·1	512·6
	Esplanade	323·3	556·6		Tardeo	400·0	469·9
B	Mandvi	305·3	713·9		Byculla	276·8	299·2
	Chukla	379·6	504·9		First Nagpada	343·4	274·1
	Umarkhadi	448·3	408·7	F	Parel	379·0	368·8
	Dongri	473·0	459·4		Sewri	386·3	373·2
C	Market	551·5	651·8		Sion...	354·0	342·9
	Dhobi Talao	386·3	351·0	G	Mahim	317·1	301·1
	Fanaswadi	388·7	378·9		Worli	336·3	393·0
	Bhuleshwar	624·5	567·7		Harbour and Docks ...	...	...
	Khara Talao	536·4	493·2		Railways and Homeless		
	Kumbharwada	484·7	528·7		Total ...	404·7	413·9
D	Khetwadi	466·0	466·9				
	Girgaum	522·6	436·7				
	Chowpati	312·1	397·7				
	Walkeshwar	233·9	278·7				
	Mahalakshmi	329·2	303·5				

[redacted]antile Deaths by [redacted]ces.

For the consideration of infant mortality from the racial basis, the following Table is added in which the death-rate is calculated per 1,000 of births registered *in the caste*. If we ignore the races or castes that are numerically negligible portions of the population, we observe that Europeans, Eurasians, Native Christians, Lingaits and "Hindus of other castes" reveal some improvement on the preceding year. The death-rate has fallen among Native Christians from 505 in 1908 to 440 in 1909 and 432 in 1910; that among "Hindus of other castes" from 443·5 to 409·8 and 404·3. As in 1909, Jews registered the lowest rate (209·6) and Parsees the next lowest (217·4).

[redacted] Lingaits returned the highest rate, 1,433·3 against 3,857 the maximum in 1909, and Jains the next highest as in the preceding year (875·5).

The rate among Brahmins has risen from 654 to 805·8, among Bhatias from 215·6 to 540·9, among Hindus Low Caste from 421·7 to 424·9, among Mussalmans from 403·5 to 441·7 and among Parsees from 188·6 to 217·4.

DEATHS AMONGST CHILDREN UNDER 1 YEAR BY RACES IN 1909 AND 1910.

RACE OR CASTE.	1909.			1910.		
	Deaths under 1 year.	Number of Births registered.	Infant mortality per 1,000 *of Births in the caste.*	Deaths under 1 year.	Number of Births registered.	Infant mortality per 1,000 *of Births in the Caste.*
HINDUS. Jains	258	340	744·1	204	233	875·5
Brahmins	293	448	654·0	274	340	805·8
Lingaits	27	7	3,857·1	43	30	1433·3
Bhatias	55	255	215·6	66	122	540·9
Hindus of other Castes ...	3,828	9,541	401·8	3,852	9,526	404·3
Hindus Low Caste ...	1,247	2,957	421·7	1,220	2,871	424·9
Mussalmans	1,557	3,858	403·5	1,721	3,896	441·7
Parsees	250	1,272	188·6	302	1,389	217·4
Jews	40	217	184·3	52	248	209·6
Native Christians	374	850	440·0	417	965	432·1
Eurasians...	55	84	416·6	29	73	397·2
Europeans	51	192	265·6	51	223	228·6
Negro-Africans	8	5	1,600·0	4	5	800·0
Buddhists	2	6	333·3	2	10	200·0
Other and unknown Castes	20	7	2,857·1	16	8	2000·0
Total ...	8,030	19,839	404·7	8,253	19,939	413·9

The following Table indicates monthly variations in mortality among infants; three columns giving the number of deaths from the three most fatal causes have been inserted for the important side-light they throw on the monthly fluctuations and extent; the last column gives the total mortality among infants during 1909 for a comparative view. Infant Mortality by months.

It will be noticed that till the end of April, infantile mortality in the year under report was, month for month, lower than in 1909, and for the four months together showed a saving of 143 lives, in spite of epidemic Small-pox which caused 204 deaths in that period against 74 in 1909. For May, the mortality stood on a level with 1909; but from about the close of June increased with such a rapid and enormous pace that June registered an excess of 74 deaths and July the top mortality of 908, giving an excess of 220 over the same month in the preceding year. With the middle of August came the first pause in the upward course, and the month closed with 782 deaths, showing a diminished excess of 93 deaths over the August of 1909. September registered 687 deaths and October 678, being 11 and 4 more than in the year preceding. In November infantile deaths declined to 576, 35 below the figure for 1909, and in December the number stood (621) lower than in 1909 by a single death.

TABLE OF DEATHS AMONG INFANTS DURING THE DIFFERENT MONTHS OF 1910 AND 1909.

MONTHS.	1910.						All causes 1909.
	Debility.	Nervous Diseases.	Respiratory Diseases.	All Causes.			
				Males.	Females.	Total.	
...ary	227	122	171	342	303	645	664
...uary	176	109	138	280	273	553	663
...h	197	135	213	394	370	764	768
...l	171	127	188	368	333	701	711
... ...	191	120	211	327	366	693	693
...e...	188	112	189	335	310	645	571
... ...	234	154	248	499	409	908	688
...ust	271	99	223	392	390	782	689
...ember	235	112	198	380	307	687	676
...ber	244	115	174	376	302	678	674
...ember	215	99	170	296	280	576	611
...ember	258	98	169	323	298	621	622
Total ...	2,567	1,402	2,292	4,312	3,941	8,253	8,030

Fluctuations of Infant Mortality.

If the figures for a number of years be examined, it will be observed that mortality among infants is subject to wide fluctuations from month to month, owing to the extreme sensitiveness of child-life to a variety of influences, and that these fluctuations are most marked in the third quarter, when almost epidemic Diarrhœa is very prevalent among children.

Conditions favouring high Infant Mortality.

The rise in infant and child mortality in the 3rd quarter usually coincides with high temperature, while frequency of rainfall acts as an effective check. This was exemplified in my last Annual Report, wherein it was shown how the comparative abundance of rainfall and the consequent cooler temperature in 1909 combined to reduce the infantile Diarrhœal death-rate from 42·17 in 1908 to 29·58.

But the meteorological conditions in 1910 were different and favoured excessive child mortality. As has already been pointed out in the opening pages, there was an abnormally protracted break in the rains after the 3rd week of June, and a high summer temperature prevailed during succeeding weeks; the effect of these conditions was seen reflected in the sudden and enormous rise in mortality during July and the earlier weeks of August, *especially* among infants and children under five years. The top mortality of 908 in July has therefore to be explained by the rise, which followed, of 117 per cent. in the deaths under Diarrhœal Diseases, of 95 per cent. under Fevers, and 31 per cent. under Respiratory Diseases. With the gradual subsidence of these conditions in August, the mortality began to improve, and the figures for subsequent months require no elucidation.

Corrected Infant Mortality.

Infant mortality has been calculated above only on the number of births registered; but this method, though convenient is not quite correct, for it takes no note of the fact that many of the infants that died during the year had not been registered as born.

Hence for a correct estimate, infant mortality should be calculated on the corrected number of births, which for 1910 works out, as already explained above, to 27,073 births, giving an infant mortality of 304 per 1,000 of the births, compared with 202 for the whole of India, which, although very high, is not an unreasonable difference for a large city in India and approximates more to the truth than when calculated only on the number of births registered during the year.

Practical remedies to control Infant Mortality.

But the number of deaths at these ages compared to the number born is still appalling; and the practical remedies, which I have suggested in my previous Reports, for the reduction of infant mortality, of mortality in women during puerperal state and the improvement of the health and physique of the child, can bear repetition; they are all in force in most European and American cities, where the State acknowledges its duty towards the people: (*i*) the provision of Lying-in-Hospitals for the poor and free medical attendance, and provision of a nurse before and after child-birth; so that the mother may get food, nursing and skilled attendance, and thus be enabled to provide breast-milk to support the child; (*ii*) the education of Native Midwives at the Hospital and the registration and licensing of these women; (*iii*) the introduction of a section of the Act so as to prevent an uncertificated and unlicensed woman from attending on a confinement; (*iv*) the provision of Municipal Milk Depôts where women could obtain pure milk at a small cost.

Projected Hospital.

In my last Annual Report I referred to the inception of a scheme as an outcome of these suggestions—to provide a free Lying-in-Hospital for the poor, consisting of 100 beds and affording accommodation for different castes, with arrangements to teach nursing to Native Midwives to be supplied free to the poor.

This scheme has since been decided upon to be amalgamated with the wider scheme for the founding of an Hospital for the sick poor of the City, as the City's memorial to the late King-Emperor Edward VII, so that the projected Lying-in Hospital will form an annexe to it.

Before leaving the subject of infant mortality and the measures for the reduction of the same, it is necessary to mention the valued co-operation of the Bombay Sanitary Association whose two female Health Visitors organised during the year frequent familiar talks, in chawls tenanted by the poorer and ignorant classes, on simple sanitary subjects having special reference to women and children, *e. g.*, importance of cleanliness and simple nourishing food to the mother during the lying-in-period, dangers to be feared from untrained Dais, the feeding of infants, the cause and cure of infantile diarrhœa and constipation, etc., etc.

Hos-

Subjoined is a statement which compares the deaths in Hospitals from various diseases during 1909 and 1910; their proportion to the total mortality in the City is also indicated.

Hospital deaths numbered 3,394 against 3,484 in 1909, and their proportion to the total mortality was 9·71 against 9·98.

HOSPITAL DEATHS AS COMPARED WITH THE TOTAL DEATHS IN THE CITY IN 1909 AND 1910.

Causes of Deaths.	1909.		1910.	
	Hospital Deaths.	Total Mortality.	Hospital Deaths.	Total Mortality.
Still-birth	250	1,806	247	1,566
Small-pox	115	473	241	1,008
Measles	2	75	13	184
Plague	548	5,197	377	3,656
Fevers	287	2,800	261	3,113
Cholera	85	727	14	107
Diarrhœa and Dysentery	362	2,585	386	3,352
Puerperal Septicæmia	14	363	9	394
Leprosy	78	95	58	72
Premature Birth	93	151	94	147
Other General Diseases	502	7,146	557	7,573
Diseases of the Nervous System	108	2,143	97	2,003
„ „ Circulatory System	50	294	58	316
Phthisis	235	2,415	200	2,282
Other Diseases of the Respiratory System	415	7,974	449	8,212
Diseases of the Digestive System	215	1,088	213	1,173
„ „ Urinary System	79	294	86	314
„ „ Generative System	35	143	29	145
Other Local Diseases	58	170	63	146
Injuries	203	698	189	701
Unspecified Causes	...	47	...	35
Total (except Still-born) ...	3,484	34,878	3,394	34,933
Percentage to the Total Mortality ...	9·98	...	9·71	...

Principa... of Dea...

In considering the principal causes of death and their contribution to total mortality, the Diseases of the Respiratory System attract our first attention; for, as I observed in my last Annual Report, since 1906 they have figured most, even more than Plague, in the death-roll of the City. Since 1906 the total mortality as well as the mortality from Respiratory, Tubercular and Diarrhœal Diseases, Fevers and Plague, has respectively decreased until the year under review, when the abnormal meteorological conditions, already referred to, lent an impetus to the incidence of these diseases, except Plague, especially in relation to infants and children under five years.

Thus, it will be noticed that Fevers recorded 3,113 deaths and the death-rate ros[illegible] from 2·86 in 1909. The Diseases of the Respiratory System occasioned 238 more deaths [illegible] 1909 and the death-rate stood at 8·39 against 8·15. The Diarrhœal death-rate rose f[illegible] to 2·20 with an increase of 563 deaths. Deaths from Dysentery increased by 204 [illegible] death-rate by 21.

Small-pox was epidemic in 1910 and hence caused 535 more deaths than in 1909 [illegible] it was sporadic. Measles prevailed with greater severity and registered 109 more deaths.

Cholera on the other hand occasioned only 107 deaths against 727 in 1909 when it w[illegible] epidemic.

Plague mortality sank to the smallest proportions in the City's history of the disease, and the death-rate fell to 3·73 from 5·31 in 1909.

Deaths from Phthisis declined by 133 and the death-rate by ·13. The Diseases of the Nervous System were less fatal than in 1909 by 140 deaths.

The proportion in which the more prevalent diseases contributed to the total mortality in 1910 is shown by the diagram facing this page; the whole area of the circle represents the mortality from all causes and the various segments deaths from particular causes or groups of causes.

The general death-rate for 1910 (35·72) and the average death-rate for 1900-1909 (57·22) are represented by the area of the inner and outer circles. The coloured space between represents the difference between the two death-rates.

The percentage of deaths from the different causes to the total mortality is represented by respective segments and given in the first two columns at the foot of the diagram.

Comparison with the preceding ten years.

If the figures for 1910 be scrutinised in comparison to the last column, which gives the average rates of mortality of the preceding ten years, considerable improvement will be noticed to have followed in respect of every cause of death; the most notable being that under Plague, the death-rate from which stood at 3·73 against the decennial mean rate of 14·17; in case of Respiratory Diseases 8·39 against 10·30; Fevers 3·18 against 5·37; Phthisis 2·33 against 4·44; while the total death-rate was 35·72 against the decennial mean rate of 57·22.

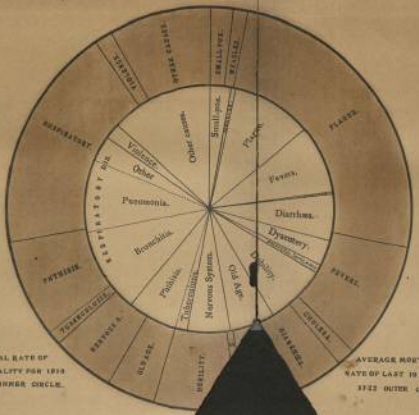
TABLE OF DEATHS AND DEATH-RATES FROM SOME OF THE PRINCIPAL CAUSES OF DEATH IN 1910 COMPARED WITH THOSE IN 1909 AND THE AVERAGE OF THE PRECEDING 10 YEARS.

	1909.		1910.		Average of 10 years 1900 to 1909.	
	Number of Deaths registered.	Rate of Mortality per 1,000 of Population.	Number of Deaths registered.	Rate of Mortality per 1,000 of Population.	Number of Deaths registered.	Rate of Mortality per 1,000 of Population.
Small-pox	473	·48	1,008	1·03	953	1·10
Measles	75	·07	184	·18	594	·68
Fevers (including Scarlet, Enteric, Malaria, Ague, Remittent and Relapsing).	2,800	2·86	3,113	3·18	4,629	5·37
Cholera	727	·74	107	·10	731	·84
Plague	5,197	5·31	3,656	3·73	12,213	14·17
Phthisis	2,415	2·46	2,282	2·33	3,828	4·44
Diseases of the Nervous System ...	2,173	2·19	2,003	2·04	2,522	2·92
„ „ Respiratory System	7,974	8·15	8,212	8·39	8,880	10·30
Diarrhœa	1,592	1·62	2,155	2·20	2,572	2·98
Dysentery	993	1·01	1,197	1·22	1,328	1·54
Accidents	698	·71	701	·71	735	·85
All other causes (except still-born).	9,791	10·012	10,315	10·54	10,307	11·96
Total ...	34,878	35·66	34,933	35·72	49,292	57·22

DIAGRAM.

Showing Percentages of Deaths from Principal Causes to Total Mortality in 1910 with their corresponding Averages of the last 10 years (1900 to 1909).

(The space between the inner and outer circles represents the difference between the Mortality Rate of 1910 and the average of the last 10 years 1900-1909.)



ANNUAL RATE OF MORTALITY FOR 1910 35·72 INNER CIRCLE.

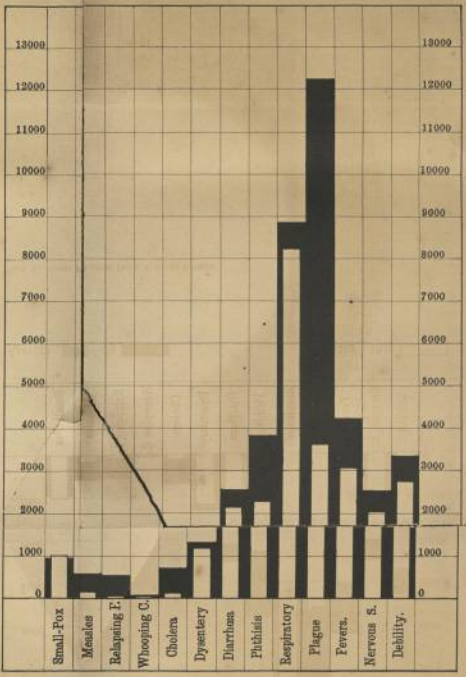
AVERAGE MORTALITY RATE OF LAST 10 YEARS 37·22 OUTER CIRCLE.

	[illegible]	[illegible]	[illegible]	[illegible] of Population.
	1910.	[illegible]	[illegible]	Mean of last 10 years.
Small pox.	2·9	[illegible]	1·23	1·10
Measles.	·5	[illegible]	·18	·68
Plague.	20·4	[illegible]	2·73	14·17
Fevers.	8·8	[illegible]	3·18	5·27
Cholera.	·3	[illegible]	·10	·84
Diarrhœa.	2·1	[illegible]	2·20	2·98
Dysentery.	2·4	2·7	1·22	1·54
Puerperal septicæmia.	1·1	·9	·40	·52
Debility.	7·8	6·7	2·78	2·84
Old Age.	5·7	3·9	2·04	2·20
Nervous System.	5·7	3·1	2·04	2·92
Tuberculosis.	1·6	1·1	·56	·63
Phthisis.	4·6	7·8	2·33	4·44
Bronchitis.	10·9		3·89	
Pneumonia.	9·3	18·9	3·31	10·10
Other Respiratory Diseases.	3·3		1·19	
Accidents & Violence	2·1	1·5	·71	·85
Other causes.	15·5	8·3	4·78	4·75
Total.	100·0	100·0	35·72	37·22

SHRI KARUNESH PRINTING PRESS, DIGGAON, BOMBAY.

DIAGRAM

Number of deaths from the Zymotic and other death-causes in 1910 compared with their average of the preceding 10 years.



Average 1900—09 ■■■■■ Deaths 1910 □

Shri Kashinath Printing Press, Girgaon Bombay.

Mortality from the Zymotic Diseases.

The mortality from the principal zymotic diseases, which has been steadily falling since 1905, further declined in the year under report by 961 to 9,675, notwithstanding the excess over last year of 535 deaths from Small-pox, 109 from Measles, 64 from Enteric Fever, 308 from Ague and Remittent Fever and 204 from Dysentery.

Comparison with the triennial and decennial averages.

The zymotic death-rate for the year (9·89) compares favourably with that for last year (10·87); the mean rate for the preceding three years (1907-1909) was 11·90, and that for the preceding ten years (1900-1909) was 24·33.

Compared with the triennial average, Relapsing Fever shows a diminution of 221 deaths.

TABLE OF DEATHS FROM PRINCIPAL ZYMOTIC DISEASES IN 1910 COMPARED WITH THOSE IN 1909 AND THE AVERAGES OF THE PRECEDING 3 AND 10 YEARS.

	Number of Deaths registered.			
	1909.	1910.	Average of the last 3 years. (1907—1909).	Average of the last 10 years. (1900-1909).
Small-pox	473	1,008	528	953
Measles	75	184	278	594
Plague	5,197	3,656	5,649	12,213
Enteric Fever	92	156	106	4,629
Malarial Fever	293	293	258	
Ague and Remittent Fever	2,322	2,630	2,660	
Relapsing Fever	93	34	255	
Influenza	1	3	1	3
Whooping Cough	7	11	12	52
Diphtheria	...	2	1	3
Cholera	727	107	420	731
Dysentery	993	1,197	1,104	1,328
Puerperal Septicæmia	363	394	369	457
Total ...	10,636	9,675	11,641	20,963
Death-rate per 1,000 of population ...	10·87	9·89	11·90	24·33

Mortality by Races.

In considering the mortality of the year in relation to the different races that inhabit the City, we observe that with the exception of three communities, compared with 1909, the improvement in the death-rates has not been maintained; the Eurasian death-rate has continued the same, while the Buddhist rate has declined from 49·29 to 31·69; and the Hindu death-rate from 33·04 to 32·41.

The general death-rate for the entire City was 35·72, and the communities that recorded a higher rate were Mussalmans (51·10), Native Christians (48·73) and Jews (36·33).

The Mussalman death-rate stood at 59·67 in 1906, declined to 51·66 in 1907, but rose to 54·63 in 1908; then fell to 49·51 in 1909. Excepting 1909, the year under notice was the least fatal to the community.

For an explanation of the high mortality among Mussalmans, we must turn to Table 30 appended at the end, which shows that the contributions of the community to the total mortality are the highest under Phthisis (4·61), Respiratory Diseases (12·56), and the Diseases of the Nervous System (3·72): the reason is to be found, as I pointed out last year, in the great density of population in the principal Mahomedan localities and their ill-lighted and ill-ventilated houses, and in the *Purdáh* System or the practice of seclusion which denies their women the protective benefits of open air, as is evidenced by the much higher mortality among females from Phthisis, being 486 deaths in 1910 and 514 in 1909 against 291 and 276 among males.

Native Christians recorded the next highest death-rate of 48·73 against 46·84 in 1909, 48·10 in 1908, and 42·41 in 1907.

The high mortality in this community is to be accounted for by their contribution of the highest proportion of deaths (3·87) from Small-pox, which prevails among them with exceptional severity as they are not vaccinated in infancy; as also from Fevers (5·92) and Diarrhœal Diseases (4·30); and a very high death-rate from Respiratory Diseases.

Jews, who number only 5,367, reveal the next highest death-rate, which has been steadily rising since 1908 from 31·11 to 35·96 in 1909 and 36·33 in the year under report.

Among Hindus, the decline of death-rate has been steady since 1906, when it stood at 55·37; it fell to 38·01 in 1907, 36·42 in 1908, 33·04 in 1909 and 32·41 in 1910; they, however, suffered more than any other community from Plague (4·29) as in the past, and from Measles (·19); and excepting Mussalmans, also from Respiratory Diseases (7·90).

Parsees returned the lowest death-rate (27·30 against 24·78 in 1909) excepting Europeans (18·50); the death-rate from Phthisis and from Respiratory Diseases, which had fallen among them from 1·08 and 4·42 in 1908 to ·69 and 3·27, rose in 1910 to ·92 and 3·95 respectively.

Europeans, as usual, recorded the lowest general death-rate, 18·50 against 14·81 in 1909; the most fatal causes of death among them being Fevers (3·82), especially Enteric Fever (2·29), Diarrhœa (1·66) and Respiratory Diseases (1·94). As already observed, the death-rate among Eurasians was the same as in 1909, being 32·47; chiefly made up of Fevers (3·57), Diarrhœa (2·30) and Dysentery (2·4) and "Other Respiratory Diseases."

Comparison with the preceding ten years.

If we make a comparison of death-rates for 1910 and the preceding ten years, it will be observed, with the aid of the last column in the statement, that the death-rate for all the communities together shows a decline of 21·50, equivalent to a saving of 14,359 lives to the City.

The comparison is mostly in favour of Hindus, among whom the death-rate shows a drop of 26·75 below the decennial average; next in that of Mussalmans (including Negro-Africans), 51·10 for 1910 against the ten-year average of 63·79. The Eurasian death-rate exhibits a decline of 4·48, the Buddhist of 4·67, the Parsee of 2·5 and the Native Christian of 1·80. The European death-rate alone exceeds the average (by 1·6).

TABLE SHOWING BY CASTE THE NUMBER OF DEATHS AND THE DEATH-RATES FROM ALL CAUSES IN 1909, 1910 AND THE AVERAGES OF THE PRECEDING 10 YEARS.

	1909.		1910.		Average of last ten years, 1900-1909.	
	Number of Deaths.	Rate of Mortality per 1,000 of Population.	Number of Deaths.	Rate of Mortality per 1,000 of Population.	Number of Deaths.	Rate of Mortality per 1,000 of Population.
Jains						
Brahmins						
Lingaits						
Bhatias	23,332	33·04	22,891	32·41	35,543	59·16
Hindus of other Castes						
Hindus Low Caste						
Mussalmans (including Negro-Africans).	8,352	49·51	8,620	51·10	10,265	63·79
Parsees	1,210	24·78	1,333	27·30	1,391	29·35
Jews	193	35·96	195	36·33	195	36·60
Native Christians	1,416	46·84	1,473	48·73	1,510	50·53
Eurasians	127	32·47	127	32·47	134	36·95
Europeans	213	14·81	266	18·50	227	17·44
Buddhists	14	49·29	9	31·69	12	36·36
Other and Unknown Castes ...	21	.....	19	.....	17	.....
Total	34,878	35·66	34,933	35·72	49,292	57·22

Mortality by Months.

A statement indicating monthly variations in the mortality of the City has, as in previous years, been appended, from which it will be observed that, as usual, March, April and May witnessed the maximum mortality from all causes—3,718, 3,638, and 3,358 deaths—when Plague was at the zenith and caused respectively 695, 915 and 837 deaths; the Diseases of the Respiratory System also figured their worst in the death-roll for March, as they accounted for 1,006 deaths; and for 863 and 890 deaths in the months of April and May respectively. In June the mortality fell to 2,500, but it was on the increase towards the close of the month, and rose steadily during July to 3,063, but declined from about the third week of August, so that the month recorded a diminution of 204 deaths. The decrease continued into September, and then with slight variation in October was remarkable during November, which registered the lowest mortality in the year (2,468), but was followed by a rise of 287 deaths in the following month.

The maximum mortality during March (3,718), April (3,638) and May (3,358) is to be accounted for by the epidemic prevalence of (*i*) Small-pox from the second week of February to the third week of May, which caused in the three months 309, 260 and 139 deaths, respectively; (*ii*) and Plague from the first week of February to the second week of August; but the disease was most severe during March, April and May and occasioned 695, 915 and 837 deaths, respectively.

The increased mortality during July (3,063) and August (2,817), until it fell to 2,511 in September, is largely explained by the abnormal atmospheric conditions which prevailed towards the close of June and during July, as already stated in the earlier portions of this Report, and the consequent rise in the number of deaths from Fevers, Diarrhœa and Dysentery and the Diseases of the Respiratory System, especially among infants and children under 5 years. During July and August Fevers contributed 298 and 246 deaths, Diarrhœal Diseases 417 and 395 and Respiratory Diseases 899 and 846, respectively. The sudden rise in December with Plague at the vanishing point is due to the larger incidence of the Respiratory Diseases, with the setting in of the cold season, occasioning 824 deaths.

The lowest number of deaths recorded in a single month was 2,468 in November and the highest 3,718 in March.

TABLE OF DEATHS FROM ALL CAUSES (EXCLUSIVE OF STILL-BORN) BY MONTHS IN 1909 AND 1910.

MONTHS.	Number of Deaths in	
	1909.	1910.
January	2,701	2,727
February	2,910	2,815
March	4,461	3,718
April	4,613	3,638
May	3,384	3,358
June	2,143	2,500
July	2,293	3,063
August	2,613	2,817
September	2,500	2,511
October	2,368	2,556
November	2,417	2,468
December	2,475	2,762
TOTAL...	34,878	34,933

Mortality by Sections.

The general death-rate for the whole City is 35·72 against 35·66 in 1909 and 39·13 in 1908; notwithstanding this slight excess compared with last year, several Sections of the City reveal a marked reduction: these are Middle and Lower Colaba and Esplanade in A Ward; Umarkhadi and Dongri in B; all the Sections of C Ward with the exception of Kumbharwada; Chowpati and Mahaluxmi in D; Tarwadi, Tardeo and 1st Nagpada in E; Sewri in F and Mahim in G Ward; all these with the exception of 1st Nagpada (recently largely rebuilt owing to the operations of the City Improvement Trust) are among the Sections that show a notably lower rate than the last quinquennial mean; Upper Colaba is the only other Section which shows an enhanced death-rate (24·90) compared with the five-year average.

Esplanade, as usual, recorded the highest death-rate for the year (56·83): this is largely a business quarter but contains the Colaba Station, St. George's and Cama Hospitals and the Parsee Lying-in-Hospital; the next highest was registered by Tarwadi (52·89) which contains the Sir Jamsetjee Jeejeebhoy, Bai Motlabai and D. M. Petit, Maratha and St. Joseph Foundling Hospitals; next in order is 2nd Nagpada (49·91) containing the Police Hospital.

The lowest death-rate was returned by Walkeshwar (15·92); and next by Fort South, which contains more buildings for Offices and Public Institutions than dwelling houses.

Mortality by Place of Birth.

Of the total number of 34,933 deaths during the year, 43·25 per cent. or 15,109 deaths were of persons born in the City, 52·97 per cent. or 18,504 were of those born outside it and 3·78 per cent. or 1,320 were of those whose birth-place could not be ascertained.

TABLE SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES EXCLUSIVE OF STILL-BORN ACCORDING TO PLACE OF BIRTH IN 1910.

MONTHS.	Deaths amongst persons			Total, exclusive of still-born.
	Born in Bombay.	Born elsewhere.	Whose place of birth is unknown.	
January ...	1,128	1,509	90	2,727
February ...	1,055	1,661	99	2,815
March ...	1,297	2,312	109	3,718
April ...	1,407	2,079	152	3,638
May ...	1,381	1,811	166	3,358
June ...	1,137	1,273	90	2,500
July ...	1,507	1,442	114	3,063
August ...	1,355	1,373	89	2,817
September ...	1,240	1,185	86	2,511
October ...	1,202	1,249	105	2,556
November ...	1,127	1,250	91	2,468
December ...	1,273	1,360	129	2,762
Total ...	15,109	18,504	1,320	34,933

Plague Mortality.

The most notable feature of the public health during the year was the reduction of Plague to the smallest proportions on record; the lowest mortality of 1909 (5,197) was further reduced by 1,541 deaths, so that the figure for 1910 (3,656) now represents the lowest annual mortality from the disease in this City, yielding the death-rate of 3·73 per 1,000 persons living against 5·31 in 1909.

The number of Plague seizures during the year was 4,130 against 5,864 in 1909, and 6,134 in 1908; and the case-mortality works out to 88·52—slightly lower than in 1909 (88·62).

It will be noticed from the statement, which follows, that with the steady and progressive shrinkage of Plague as a cause of death, there has not followed a concurrent abatement in the fatality of the disease, as is evidenced by the case-mortality, which, with annual fluctuations, stood for 1910 at 88·52, next only to that of 1901 (89·19) and 1903 (89·05), which were the most fatal years in the history of the disease, recording, respectively, 18,736 and 20,788 deaths.

GENERAL DEATH RATE

Including Plague

in the City of Bombay

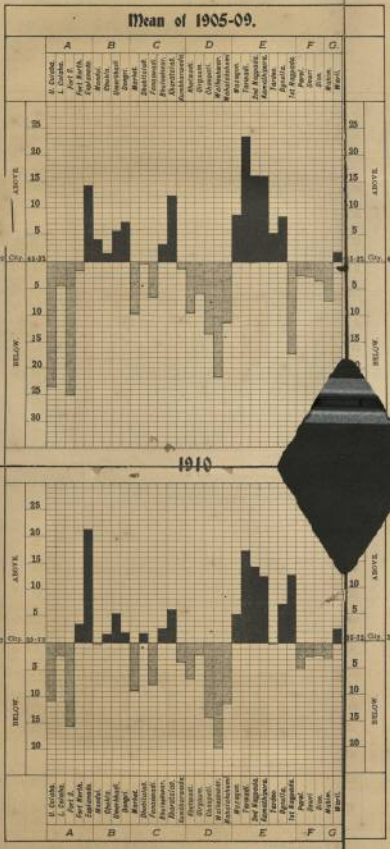


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TABLE SHOWING THE NUMBER OF ATTACKS AND DEATHS FROM PLAGUE AND THE TOTAL MORTALITY EXCLUDING STILL-BORN SINCE 1891.

	Number of Plague Attacks.	Number of Plague Deaths.	Death-rate from Plague per 1,000 of Population.	Percentage of Deaths to Attacks.	Number of Deaths from all causes (exclusive of Still-born).	Total Death-rate per 1,000 of Population.
1891	...	...	...	...	23,847	29·01
1892	...	...	...	...	26,518	32·26
1893	...	...	...	...	23,142	28·16
1894	...	...	...	...	27,330	33·25
1895	...	...	...	...	25,081	30·52
1896	2,544	1,936	2·36	76·10	33,451	40·71
1897	13,314	11,003	13·39	82·64	47,896	58·28
1898	22,130	18,185	22·12	82·17	51,961	63·23
1899	19,451	15,796	19·22	81·20	56,434	68·67
1900	17,913	13,285	16·16	74·16	79,350	96·55
1901	21,006	18,736	24·14	89·19	59,495	76·66
1902	16,423	13,820	17·80	84·15	48,414	62·38
1903	23,344	20,788	26·78	89·05	50,513	65·09
1904	15,488	13,538	17·44	87·40	42,676	54·99
1905	16,368	14,198	18·29	87·06	47,762	61·54
1906	12,323	10,823	11·06	87·82	52,874	54·07
1907	7,353	6,389	6·53	86·88	38,687	39·56
1908	6,134	5,361	5·48	87·39	38,271	39·13
1909	5,864	5,197	5·31	88·62	34,878	35·66
1910	4,130	3,656	3·73	88·52	34,933	35·72

Plague Races.

Hindus of all classes together contributed 3,028 deaths to the total Plague mortality (3,656); Mussalmans including Negro-Africans 419, and Native Christians 110, against 4,024, 863, and 171, respectively, in 1909: the small balance of 99 sums up the Plague deaths among all the other communities; among Europeans 5, Eurasians 7, Jews 7, and Parsees 80, against 5, 6, 13 and 110, respectively, in the preceding year.

The disease was, as usual, most fatal to Hindus, who registered the death-rate of 4·28 against 5·69 in 1909 and 5·96 in 1908. Next to them Native Christians suffered most—3·87 against 5·63 in 1909 and 5·16 in 1908; then follow Mussalmans with the death-rate of 2·48 against 5·14 and 5·21 in the previous year.

The European death-rate was the same as last year—·34—and the lowest. Jews returned the next lowest rate, 1·30, and Parsees 1·63 against 2·25 in 1909 and 2·02 in 1908. The Eurasian community alone recorded a higher death-rate (1·78) than last year (1·53).

Plague by Age.

Plague caused 2,506 deaths among males and 1,150 among females. In every community except Bhatias and Parsees, the male deaths exceeded the female; in the two communities, however, they were exceeded by 2.

The proportion of deaths per 1,000 of sex population was 4·08 among males and 3·15 among females, against 5·84 and 4·42 in 1909.

Examining Plague mortality under the different groups, we find that the disease was most fatal to persons between 10 and 30 years of age, and occasioned 1,646 deaths in the male population and 672 in the female.

Among infants, that is children under 1 year of age, there were 3 deaths, 1 male and 2 female. In the age-groups up to 10 years there were 192 deaths amongst males and 198 among females. Among persons aged 50 and above there were 89 male deaths and 44 female.

TABLE SHOWING THE DEATH-RATES FROM PLAGUE IN THE SEVERAL SECTIONS IN 1909 and 1910 WITH THEIR QUINQUENNIAL AVERAGE RATES.

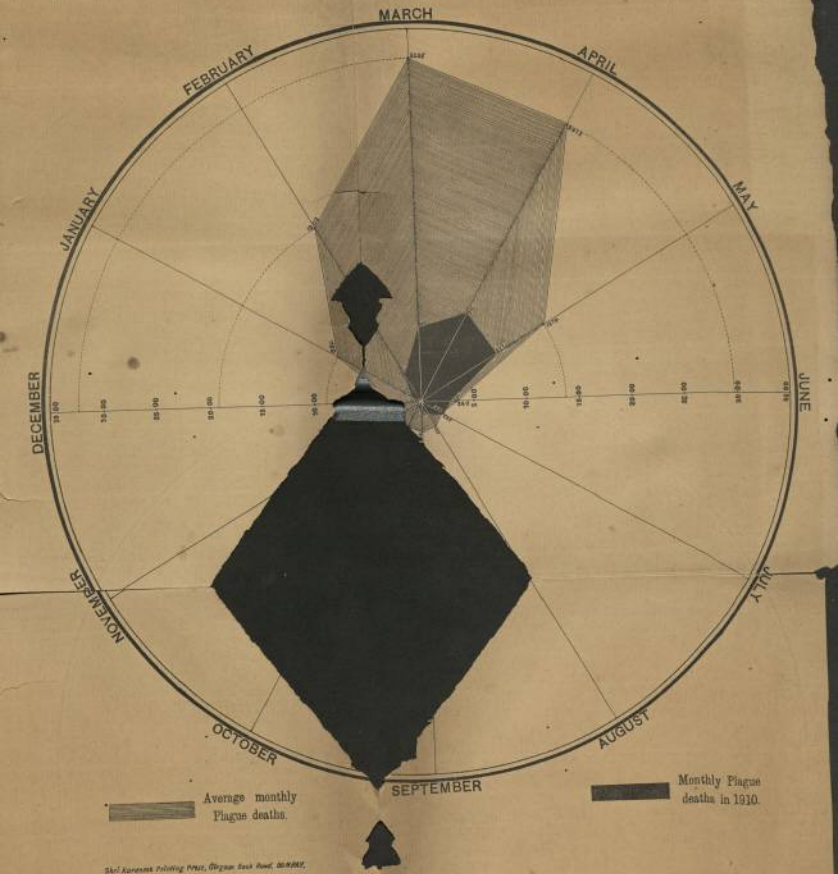
Ward.	Sections.	1909.	1910.	Quinquennial average, 1905-1909.
A	Upper Colaba	·79	1·85	3·41
	Middle and Lower Colaba	7·05	6·00	11·37
	Fort, Southern	2·53	4·31	5·25
	Fort, Northern	4·55	3·96	7·60
	Esplanade	3·44	3·08	4·77
B	Mandvi	5·52	3·51	11·22
	Chukla	6·64	2·48	8·81
	Umarkhadi	6·50	3·52	8·17
	Dongri	5·26	5·02	10·61
C	Market	4·81	3·08	9·75
	Dhobi Talao	6·58	5·05	11·48
	Fanaswadi	6·53	4·48	12·16
	Bhuleshwar	6·53	4·17	13·37
	Khara Talao	7·12	2·74	9·47
	Khumbharwada	5·49	3·47	9·32
D	Khetwadi	2·91	2·32	6·44
	Girgaum	4·04	2·46	6·48
	Chowpati	3·29	2·76	6·96
	Walkeshwar	·94	·78	5·54
	Mahalakshmi	3·36	1·86	6·51
E	Mazagon	7·18	4·69	12·84
	Tarwadi	4·75	3·50	11·41
	Second Nagpada	4·22	1·22	8·67
	Kamatipura	4·87	2·82	10·10
	Tardeo	4·64	2·09	7·70
	Byculla	6·75	4·36	9·53
	First Nagpada	6·59	2·39	3·55
F	Parel	4·34	4·17	8·67
	Sewri	9·60	4·75	11·81
	Sion	4·32	4·32	6·77
G	Mahim	6·83	4·58	6·31
	Worli	5·94	6·92	10·18
	Harbour and Docks	·15	·12	·21
	Railways and Homeless			
	Total	5·31	3·73	9·95

All the Sections of the City reveal a lower death-rate from Plague than in 1909, with the exception of Upper Colaba, and Fort Southern, Sion and Worli; of these, Sion has the same rate as last year (4·32).

The Sections exhibiting a higher death-rate than the City as a whole are enumerated below with their rates for 1909 and the quinquennium, 1905-1909.

A comparison of the death-rates for 1910 with the quinquennial means will reveal a large improvement in the incidence of Plague in every Section.

DIAGRAM—Monthly Plague deaths in 1910 compared with their average of the preceding 10 years.



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The maximum sectional death-rate was 6·92 for Worli; some of the other high rates are for Middle and Lower Colaba 6, Dongri 5·02, Sewri 4·75, Mazagaon 4·69, Mahim 4·58, Fanaswadi 4·48, Byculla 4·36. Walkeshwar recorded the lowest death-rate (·78) and Second Nagpada the next lowest (1·22).

	1909.	1910.	Average (1905-1909).
Middle and Lower Colaba	7·05	6·00	11·37
Fort, Southern	2·53	4·31	5·23
Fort, Northern	4·55	3·98	7·60
Dongri	5·26	5·02	10·61
Dhobi Talao	6·58	5·05	11·48
Fanaswadi	6·53	4·48	12·18
Bhuleshwar	6·53	4·17	13·37
Mazagaon	7·48	4·69	12·84
Byculla	6·75	4·36	9·53
Parel	4·34	4·17	8·67
Sewri	9·00	4·75	11·81
Sion	4·32	4·32	6·77
Mahim	6·83	4·58	6·31
Worli	5·94	6·92	10·18

Plague by Months.

The monthly variations of Plague mortality are indicated in the following table, from which it will be observed that, compared with 1909, the mortality was slightly higher during January and February (by 20 and 16 deaths), but very much lower during March, April and May (by 794, 878 and 150, respectively), although these months registered the highest mortality from the disease during the year; it was again higher for June and July (by 119 and 112), when it dropped in September 20 deaths below the figure for the preceding year, and continued to the close of the year a few deaths in excess, though these were months of the least incidence.

The rise was at a rapid rate from 85 deaths in January to 293 in February, 695 in March, till it reached 915 in April; the mortality then declined to 837 in May and dropped to 280 in June and then steadily declined in the following months with a slight upward trend in October and December.

Plague was at its worst in April as in previous years, when it registered 1,024 seizures and 915 deaths against nearly double the same in 1909 (2,010 seizures and 1,793 deaths).

The maximum number of seizures on a single day was 53 on the 27th April against 93 on the 23rd March 1909; the maximum number of deaths was 43 registered on the 8th April and 6th May against 81 on the 24th April 1909.

COMPARATIVE STATEMENT OF PLAGUE DEATHS BY MONTHS DURING 1909 AND 1910.

MONTHS.	1909.	1910.
January	65	85
February	277	293
March	1,489	695
April	1,793	915
May	987	837
June	161	280
July	113	225
August	140	133
September	75	55
October	47	61
November	25	45
December	25	32
Total ...	5,197	3,650

...G THE DAILY NUMBER OF ATTACKS AND DEATHS FROM PLAGUE AND THE TOTAL MORTALITY EXCLUDING STILL-BORN IN 1910.

	Total to...			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.	Attacks.	Deaths.	Total Mortality.
1	2	2	93	3	3	93	15	10	105	30	22	116	29	36	134	15	14	89	9	6	84	7	6	84	6	6	78	3	4	60	5	5	101	..	1	97
2	1	1	74	6	8	121	19	10	109	19	24	120	40	41	116	12	14	92	7	8	97	7	5	104	1	1	68	3	2	88	1	2	79	..	..	89
3	2	2	85	9	8	92	23	16	104	30	20	117	37	29	129	20	16	95	4	4	64	4	3	107	5	2	78	1	1	78	..	..	71	2	2	88
4	..	..	70	14	16	119	16	18	120	29	29	102	34	32	106	10	9	87	9	8	97	10	7	91	..	..	89	2	1	55	3	3	81	5	2	97
5	2	1	76	3	2	99	22	13	104	31	27	108	46	40	132	15	14	97	17	11	95	7	4	96	..	..	83	3	3	98	1	1	91	1	1	97
6	..	..	68	10	9	104	29	29	136	23	18	124	47	45	139	14	11	92	2	3	89	7	10	101	1	1	99	..	..	90	3	3	98	..	..	88
7	2	2	97	15	14	100	20	22	118	38	35	132	27	28	108	5	5	90	3	2	70	7	3	111	1	1	89	6	6	105	1	1	87	1	1	91
8	1	1	73	14	9	99	14	14	107	42	43	130	39	33	130	15	12	85	11	11	97	8	5	121	1	1	89	3	2	82	2	2	93	3	3	96
9	1	1	83	16	14	112	15	13	118	41	36	111	26	24	122	12	10	80	14	13	117	3	4	78	2	3	76	2	3	77	2	2	82	1	1	93
10	2	2	83	13	12	106	7	6	101	26	22	111	39	29	121	15	13	93	9	8	97	12	8	125	4	3	99	1	1	76	2	3	79	..	..	76
11	1	..	84	10	10	97	17	12	110	28	27	128	43	41	124	11	10	84	14	10	95	2	2	84	3	1	93	4	2	89	1	1	73	..	..	85
12	4	3	77	7	6	93	21	14	110	46	37	134	37	34	121	7	8	89	10	7	87	..	2	83	1	1	82	1	2	65	3	2	81	2	2	86
13	..	3	81	6	6	96	26	23	149	50	37	134	41	34	101	12	12	79	8	6	84	7	5	90	4	2	90	3	3	90	1	1	77	..	..	72
14	3	3	74	6	8	103	22	20	119	33	31	119	29	29	111	9	6	75	9	4	115	4	2	88	2	2	86	2	3	88	1	..	78	2	2	82
15	3	3	82	8	6	84	42	38	120	22	23	117	26	25	102	16	13	106	8	4	94	2	2	90	3	1	109	2	2	91	4	2	71	1	..	77
16	3	2	103	18	12	89	24	25	174	23	18	104	26	28	122	11	9	78	8	9	101	5	3	101	1	3	93	2	2	72	..	..	70	1	..	102
17	5	4	74	17	11	89	35	34	142	33	38	125	23	25	99	11	13	84	10	7	103	3	3	92	..	1	91	2	2	85	2	2	85	1	1	86
18	2	2	102	15	13	93	34	30	123	32	33	106	30	22	106	9	10	63	8	11	103	4	1	99	1	1	92	3	1	80	..	..	96	..	..	99
19	4	3	80	21	14	103	27	27	120	36	37	152	32	22	134	3	4	55	12	10	104	2	4	74	3	2	86	1	2	63	2	1	71	..	..	87
20	3	2	96	12	10	87	38	27	115	30	22	102	28	26	108	11	12	91	9	6	105	4	5	95	2	1	82	6	4	84	..	1	76	..	2	87
21	5	6	118	10	10	91	29	28	148	34	31	127	34	24	97	18	10	79	12	10	143	10	4	78	2	2	77	4	2	78	..	..	71	1	1	80
22	4	3	98	19	17	99	39	32	128	24	19	124	26	21	102	10	9	88	8	4	106	2	3	86	2	2	77	..	..	63	..	2	83	..	..	118
23	3	3	101	23	17	124	36	28	101	33	29	120	18	21	83	4	7	67	6	9	111	8	4	87	1	1	81	1	1	96	..	..	99	1	1	93
24	5	5	102	17	12	126	32	27	126	45	42	137	32	22	91	7	3	63	6	8	105	1	1	74	3	5	94	..	2	80	4	2	87	2	1	81
25	7	6	103	13	12	93	33	30	115	28	33	108	22	20	72	7	7	83	7	7	116	4	4	88	2	3	89	2	1	79	2	1	96	1	..	74
26	8	5	98	20	13	101	24	30	112	33	15	113	21	22	90	5	5	68	14	12	116	4	4	64	2	3	70	2	1	76	..	..	80	2	2	109
27	2	2	101	16	16	112	34	28	133	53	40	140	15	16	89	4	4	93	4	4	88	2	1	83	1	1	81	2	2	80	2	2	83	4	4	81
28	7	6	83	9	10	93	31	29	144	46	41	121	12	7	87	8	9	79	13	7	90	2	3	76	1	1	65	..	1	96	2	3	92	..	1	88
29	3	4	102	..	..	..	19	18	110	42	40	109	17	18	94	7	7	96	5	7	114	8	7	87	..	..	88	1	..	78	2	1	79	2	2	87
30	5	3	81	..	..	..	30	25	144	38	39	127	20	20	102	3	3	88	4	5	92	4	5	90	2	4	82	3	2	81	1	2	81	3	1	80
31	9	6	104	..	..	..	26	19	106	..	..	..	22	25	111	..	..	..	6	4	86	6	6	87	..	..	..	3	3	98	..	..	..	..	1	92
Total ..	99	85	2,727	350	293	2,815	791	695	3,718	1,024	915	3,638	928	837	3,359	303	280	2,500	266	225	3,063	159	133	2,917	93	65	2,511	69	61	2,556	47	45	2,463	38	32	2,762

Attacks.	Deaths.	Total Mortality.
4,759	3,656	34,933

Small-pox.

Small-pox was epidemic in the year under review for about three months, from the 2nd week of February to the 3rd week of May; and though it commenced with indigenous cases having been prevalent in the last month of 1909, its spread was as usual aided and accelerated by continual importations of the disease from outside, notably by Hajis, returning from Jeddah, who continued to arrive in Bombay at brief intervals from the 20th of January to the end of April.

Small-pox is a disease of seasonal prevalence and is generally never wholly absent in the closing and opening months of any year. 1909 closed with 76 attacks and 32 deaths in December, and though the year under report opened with three indigenous cases on the New Year's Day, all of which subsequently proved fatal, the disease did not attain serious proportions until reinforced by imported cases from among the returning Mohamedan pilgrims.

Small-pox by months: Contribution of Pilgrims from the Haj.

Till about the 20th day of January when the pilgrim ships from the Hedjaz began to arrive in Bombay, there was a daily average of 4 attacks and 2 deaths; but the month closed with 174 attacks and 76 deaths: the pilgrims contributed 32 cases, of which 3 proved fatal, and other places 6, of which 4 succumbed. February recorded 281 cases and 138 deaths; of these 29 cases were among the Hajis, of which 15 were fatal; there were 4 cases among new arrivals from other places and 3 appear to have recovered. In March, Small-pox was at its highest and registered 523 seizures during that month, including 9 among pilgrims and 7 among other new arrivals, and 309 deaths, of which 3 were of pilgrims.

Small-pox then began to decline, and in April there were 383 attacks and 260 deaths: only 3 imported cases—1 of them being from Jeddah—all of which recovered. With the end of April importations of the disease practically ceased, and during the rest of the year there were only 2 imported cases—one in July and the other in December. But it was not till the 3rd week of May that the disease shrank to the sporadic stage and began to decline rapidly: the month registered 176 attacks and 139 deaths; June 63 attacks and 53 deaths. The course of the disease during the next six months is soon traced as there occurred only 58 attacks and 33 deaths in that period.

To sum up, of the 1,658 Small-pox attacks during the year, 92 were imported from outside, 71 of these being among Mohamedan Pilgrims and 21 among other new arrivals. Out of the total 1,008 deaths from the disease, 26 were among persons newly arrived into the City, 21 of them being among the Hajis.

The Pilgrim Problem.

Soon after the pilgrim ships brought from Jeddah the first Small-pox cases into the City, I addressed a letter to the Health Officer of the Port enquiring if it would not be possible to insist on all pilgrims in an infected ship being vaccinated before landing. Colonel Jennings replied this was not possible and foresaw "the likelihood of vigorous and determined opposition even if it were possible to prevent them from landing, which it was not;" and added that he had addressed Government on the desirability of enforcing vaccination in the case of departing pilgrims from this Port.

Outgoing Pilgrims and Government Measures.

Meanwhile arrangements were made with the Health Officer of the Port to telephone to this Department the arrival of pilgrim ships in the Harbour from Jeddah, and Vaccinators were deputed morning and evening to the Frere Road Disinfecting Shed for vaccinating and revaccinating willing disembarked pilgrims; with the result that 3 males and 2 females were primarily vaccinated and 93 males and 24 females were revaccinated.

In April, Government in the General Department addressed a letter to the Municipal Commissioner (No. 1807 of 19th April 1910) forwarding a copy of their letter No. 2396 of 8th May 1909 to the Haj Committee already referred to in my last Annual Report (asking the Commissioner's assistance in securing the protection of the pilgrims by encouraging vaccination among them); and after stating that the President of the Haj Committee and the Protector of Pilgrims will take measures for persuading outgoing pilgrims to submit to vaccination, requested the assistance of this Department in providing and placing at the disposal of the President two Vaccinators with a sufficient supply of lymph and needles. Government further expressed the hope that the Corporation would bear the additional cost involved, as the object of the measure was primarily the protection of Bombay. The Municipal Commissioner agreed to make arrangements to vaccinate pilgrims free of charge.

Reference has also to be made to another Government letter (No. 2623 of 2nd June 1910) publishing the orders of the Government of India (passed at the instance of this Government), (*i*) asking Local Governments and Administrations to issue notifications impressing upon intending pilgrims the great desirability of being vaccinated or revaccinated before leaving their homes for Bombay, (*ii*) asking the Heads of Districts and other local Officials to endeavour to popularize vaccination among intending pilgrims and to arrange for the grant of certificates to those who submitted to vaccination or revaccination before their departure for Bombay.

The Government of India were also requested to move the Authorities concerned with a view to the adoption of stringent measures by the Turkish Government to mitigate the scourge of Small-pox in the Hedjaz (Government Resolution, General Department, No. 3733 of 8th August 1910).

It is satisfactory to record that after years of persistent repetition, my recommendation to bring some pressure to bear on the Mahomedan pilgrims with a view to their vaccination before they embarked for the Haj at last found favour with Government; and the result, as could be expected, was most encouraging. For, in consequence of Government orders last quoted, it was found that a large proportion of pilgrims—about 1,580 in number—who belonged to Hyderabad and Bhopal, the Punjab and the United Provinces had been vaccinated before they left their homes for Bombay; and it has been stated that scarcely a pilgrim was permitted to leave either of the first two provinces without being vaccinated.

Vaccination of Hajis in Bombay.

The vaccination of the Hajis in Bombay was, however, a most arduous task: for they are mostly ignorant and an almost fanatic set of people to deal with. Much tact, patience and persuasion were therefore needed to induce them to accept vaccination. Every possible facility was offered to them: through the good offices of the Commissioner of Police and the Agent of the Bombay and Persia Steamship Company a slight reduction of steamer fares was offered to such of the pilgrims as would submit to vaccination before embarking. Two male vaccinators from this Department were detailed exclusively for the vaccination of the pilgrims at the different Musafarkhanas and the Pilgrim Camp at Foras Road and other places, where they happened to be staying in large numbers: all these places were treated as Public Vaccination Stations for the time being and vaccination was done free of cost to the pilgrims.

Female Pilgrims.

As to female pilgrims, there were among them several strictly *Purdahnashin* ladies who objected to be vaccinated by male Vaccinators at any of the above places, and special arrangements had to be made for them at the residence of the Protector of Pilgrims. Owing to the absence of female Vaccinators, two of the District Nurses of this Department had been specially trained in the technique of vaccination, and the services of one of them were utilized. The campaign commenced on the 26th of July and closed on the 17th of November. One regrettable feature of the campaign, however, was that a considerable number of pilgrims did not, either from ignorance or prejudice, allow the operation to take effect, as they were found to have turned down their sleeves or washed their arms under the water tap before the lymph had time to dry in. Individual supervision of thousands of pilgrims in crowded camps and Musafarkhanas was out of the question, and the general instructions issued do not seem to have been heeded in such cases.

Number of Pilgrims vaccinated.

The total number of pilgrims vaccinated in Bombay was 8,278; of these, 6,250 were males and 2,028 females; 168 males and 120 females were primarily vaccinated, and 6,082 males and 1,908 females were revaccinated. All the females were vaccinated by the specially trained District Nurse of this Department. Of the total number of operations, 288 were primary, and 7,990 revaccinations. Including the 1,500 pilgrims who arrived in Bombay vaccinated at their places, the total number of vaccinated pilgrims amounted to more than half of the total number of pilgrims that embarked at this Port for Jeddah.

Praise is due to the President and Members of the Haj Committee and also to the Port Health Officer for their active co-operation and help in the achievement of these results. There is no doubt but these operations must have a beneficial effect on the health of the returning pilgrims, and act as a corrective of conditions which have hitherto been helpful in the importation of Small-pox by the pilgrim ships from Jeddah to the serious prejudice of the public health of this City, and perhaps also of other cities in the Mofussil. The measure of success achieved in these the first serious efforts is indeed encouraging and gives hope of acceleration in the future.

Another aspect of the Pilgrim Problem: Housing arrangements.

Apart from the positive introduction of disease, there is another aspect of the pilgrim problem referred to in my last Annual Report as calling with equal insistence for adequate measures. Thousands of pilgrims, exceeding the accommodation that could be provided for them in the Musafarkhanas and other available places in the City, are compelled to live under most miserable conditions, and their exceedingly large numbers render impossible any suitable housing and sanitary arrangements being made for them. I suggested the provision of suitable camps outside the City where the pilgrims on their way to and back from Jeddah could be properly housed and cared for.

[illegible]n by [illegible] of

Similar suggestion was made by the local Chamber of Commerce in their representation to Government in May 1910. They urged the formation of a Pilgrim Camp where the Hajis could be under observation until examined and passed as free from infection, and sent at once to their destination without being allowed to mix with the local population. The reply of Government was embodied in their Resolution, General Department, No. 3733 of 8th August 1910: that they did not consider necessary the establishment of an observation camp for the

returning Hajis, as nearly 70 per cent. of them leave the City at once or within a day or two after their arrival, and detention in their case would be a vexatious hardship and swell the number of indigent pilgrims in Bombay: the existing Musafarkhanas practically serve as places of observation. Moreover, the only suitable site, Government added, for a suggested camp would be somewhere north of Jacob Circle on the west and Byculla Bridge on the east; such a camp would be too far removed for proper supervision by the Pilgrim Department, and would be very inconvenient to the pilgrims themselves who have to visit the Police Office daily on a variety of matters in which they receive help from the Pilgrim Department.

Small-pox by Sections.

The highest number of deaths from Small-pox occurred in Byculla (177), yielding the death-rate of 2·32 per 1,000 of population. Then follow in descending order, Worli (75; 1·07) which headed the list in 1908 and 1909; Dhobi Talao (71; 1·94), Girgaum (54; 1·89); Kamathipura (52; 1·42); Parel (49; 1·04); Tarwadi (44; 1·57); and Market (39; 1·10). Upper Colaba and Walkeshwar which had escaped the infection both in 1908 and 1909 recorded respectively 1 and 4 deaths.

Small-pox by age and sex.

Nearly half (481) the total number (1,008) of Small-pox deaths occurred among children 1-5 years old; the disease was, however, most fatal to infants, of whom 264 died, being about 26 per cent. of the total number of Small-pox deaths. Persons between 15-25 years of age contributed 279 deaths, being 27·6 per cent.

Distributed according to sex Small-pox was fatal to 574 males and 434 females.

Vaccination.

During the earlier and closing months of the year when Small-pox is generally imported into the City from outside, especially by pilgrims returning from the Haj, and the disease begins to spread, special and strenuous efforts are made by this Department to search out unvaccinated children and adults and remedy the omission; vaccination and re-vaccination are carried on in all localities and houses where cases of Small-pox are detected.

The need of vaccination and re-vaccination was, during the earlier months of the year, widely notified to the public through the press and by the distribution of leaflets detailing the several Vaccination Stations in the City and the days and hours of operating. Houses and chawls were, as usual, visited by the Registrars of respective Districts to induce and arrange for vaccination. Letters were written to the Head Masters of schools pressing for the vaccination and re-vaccination of students. The result was an enormous demand from schools and colleges, clubs and hotels, hospitals, orphanages, and other charitable institutions, banks, firms and other business houses, Government and other public offices, such as the Customs, Public Works and Accountant General's. There were also numerous calls for vaccination at private houses.

Unprecedented Demand.

This unprecedented demand was, however, successfully coped with. Vaccinators were specially deputed for the wholesale vaccination of members. In addition to the fourteen permanent operating Stations in the City temporary Stations were opened at suitable places. Arrangements were made for vaccination at the Municipal Head Office on the 1st and 5th of April, and hundreds were vaccinated each time. A temporary Vaccination Station was opened at Ladies' Gymkhana, Malabar Hill, whose Honorary Secretary was kind enough to place the *verandah* at our disposal for vaccination work daily for about two hours in the morning from the 4th of April to the 9th of May. All possible facilities were thus placed at the service of the City and they were greatly appreciated and availed of.

In the second half of the year there was a special vaccination campaign organised on behalf of the Hajis proceeding to the Hedjaz; particulars of this campaign have already been given. Some special staff had to be engaged to cope with the work of vaccinating thousands within short intervals of the pilgrims' stay in Bombay.

The year was thus a very busy one for the entire Vaccination Staff who, however, proved equal to the strain they were called upon to bear.

From the annexed Annual Statement of Vaccination it will be seen that the total number of vaccine operations performed during the year was 40,956, showing an increase of 11,840 over 1909, of 17,201 over 1908 and of 15,679 over the decennial average of 1900-1909.

...N OF VACCINATION (INCLUDING DARDA AND KERLA), FROM THE SUPERINTENDENT OF VACCINATION, FOR THE YEAR 1920.

| MONTH. | Mean Population for the year. | Births registered during the month. | Number of persons primarily vaccinated during the month. | | |

ra during the year calls for no special remarks, for it did not attain any serious Cholera.

ttacks and 107 deaths were registered: 10 of these cases were imported from es in the mofussil, including 3 from Pandharpur, and all of them proved fatal.

ighest number of seizures in any single month was 48 in December, and the mber of deaths 42 in the same month. There were 20 deaths during the first 31 in the next quarter and 56 in the last.

e sex distribution of the mortality was 82 males and 25 females.

ahim registered the maximum number of deaths (11) and Famswadi the next highest th the death-rates of ·35 and ·34 respectively per 1,000 of population.

No death from Cholera occurred in any of the Sections of A Ward excepting Fort North, in Chowpati, 1st and 2nd Nagpadas, Tardeo and Sewri.

The fevers included under this general name are Scarlet, Enteric, Malaria, Ague and Remittent and Relapsing fevers. The total number of deaths from all these types of fevers was 3,113, being 313 more than in 1909; but 290 less than in 1908, 407 less than the quinquennial average of 1905-1909, and 1,516 less than the decennial mean of 1900-1909. Fevers.

There was no death due to Scarlet fever. Enteric fever caused 156 deaths, being 64 more than in 1909 and 53 more than the quinquennial mean. Malarial fever mortality kept unchanged—293 as in 1909, showing an excess of 47 over the five-year average. Ague and Remittent fever caused 2,630 deaths, being 308 more than in 1909 but 191 less than the average of the antecedent five years. 34 deaths were ascribed to Relapsing fever, showing a decrease of 59 below the figure for 1909, and of 316 below the mean of the preceding five years.

Subjoined, as in previous years, is a statement showing the annual movements of Fever mortality from 1900 to 1910. Fever mortality during 1900-1910.

Year.	No. of deaths.
1900	9,022
1901	9,481
1902	5,169
1903	2,500
1904	2,530
1905	2,878
1906	4,882
1907	3,833
1908	3,403
1909	2,800
Average (1900-1909)	4,629
1910	**2,113**
Increase or decrease ...	—1,516

The monthly fluctuations of fever mortality are shown in the following statement, from which it will be observed that October and November registered the highest number of deaths—333 and 303, respectively, and January (226) and April (227) and June (227) the lowest. Fever mortality by months.

STATEMENT OF DEATHS FROM FEVERS DURING THE DIFFERENT MONTHS OF THE YEAR 1910.

MONTHS.	No. of deaths.
January	226
February	253
March	268
April	227
May	240
June	227
July	298
August	246
September	228
October	333
November	303
December	264
TOTAL ...	3,113

Anti-malarial Operations: Methods of Work.

In my Annual Report for 1909 I described the methods of work of the S[redacted] Staff sanctioned by the Corporation for carrying out measures for the control elimination of Malaria from the City :—"Each Sub-Inspector pays recurring v premises within his jurisdiction, and inspects wells, cisterns, tanks, masonry- places, empty tins, casks, stagnant water, with a view to find out breeding places When larvæ are found, such places as can be dealt with at once are pesterined an water containing mosquito larvæ are sent in carefully covered bottles to Dr. Special Malaria Officer. If Anopheles larvæ are found, letters are addressed to th occupiers asking them to fill in or hermetically seal up the tanks and wells o remedy the nuisance. A week later a second inspection is made to see if larvæ exist and if our demands are met : in case of default, the Standing Committee are for permission to proceed against the party in a Court of Law under Section 3[redacted] Municipal Act. Special cards of distinctive colours for the different Wards are filled in da and kept in this Office for reference, so that the mosquito history of each house in the City may be known to this Department." These methods continued in force until the Standing Committee modified our procedure in March 1910 under circumstances detailed below :—

Corporation's Opinion.

On the 14th of February 1910, the Corporation passed a Resolution (No. 6784) that "in view of the fact that the prevention of Malaria in the City is more likely to be successfully achieved by the adoption of a wise policy of persuasion, the Corporation is of opinion that it would be well were the Municipal Commissioner and the Standing Committee to issue instructions to the Health Department that in carrying out its Malarial campaign it should avoid, by all means in its power, hurting the religious sentiments and feelings of such of the owners of houses as happen to have wells on their premises."

These instructions were conveyed to this Department under Commissioner's No. 3872 of 3rd March 1910.

Representations to the Standing Committee.

Four days later, the Standing Committee, on account of the several letters addressed to them by owners of wells protesting against the requisitions of this Department to fill in or hermetically cover their wells, passed a Resolution (No. 6856, dated the 18th February 1910), requesting the Commissioner to stay further proceedings in the case of certain wells, pending

Appointment of Sub-Committee.

the decision of the Committee on the report of the Sub-Committee appointed in connection with the above letters.

Commissioner's orders to stay proceedings.

Accordingly orders were received from the Commissioner to the effect that "in all cases in which action was being taken in the Police Courts for filling in or covering wells, the different parties should be asked to submit their objections, if any, and in the meantime action should be stayed pending further orders." (Commissioner's No. 39450 of 11th March 1910).

Religious Objections.

To the above Sub-Committee were also referred the opinions of two well-known local Parsi Priests regarding objections raised on religious grounds by several Parsi well-owners to our requisitions for filling in or hermetically covering the wells. My letter to the Priests requesting an expression of their opinion said :—"* * * * In the course of our inspection we have found the larvæ of these mosquitoes in the wells attached to certain Fire temples and private houses. We have asked the owners of these Fire Temples to hermetically cover these wells, but they have invariably replied that they cannot do so as the water is absolutely necessary for religious purposes..... Dr. Bentley, who has been specially appointed by Government at the request of the Corporation to investigate the causes of Malaria in Bombay City, points out that as long as such wells remain unprotected from mosquitoes, they will be the means of spreading Malaria. It is, therefore, my duty to call on the owners of these wells to cover them. At the same time I wish to do this with as little inconvenience as possible to the religious customs of the people. My object is not to prevent the use of the well-water, but to effectually prevent its becoming a breeding place for these mosquitoes .... If such wells are hermetically covered with wire-gauze of very fine mesh, and hand pumps are placed in them for drawing the water, our object will very well be served—provided the covering is kept intact."

[redacted] of Lead-[redacted]

Both Shamsul-Ulma Dastur Darab Peshotan Sanjana and Shamsul-Ulma J. J. Modi replied to the same effect :—As according to Parsi Books, the Sun is considered to be a great purifier, the well must be exposed to the rays of the Sun and one hermetically covered with wire-gauze of very fine mesh, as suggested, would serve the scriptural requirement. But as a part of the water drawn for ceremonial purposes from the well must be in the end returned to its source, the provision of the air-pump will not meet all the requirements. A close-fitting opening must therefore be made in the wire-gauze. As the opening will always be used at daytime in the light of the Sun (between 8 and 12 a. m. generally) and will be closed in two or three minutes, there will be few chances of mosquitoes getting in.

Sub-Committee's Report.

The Sub-Committee submitted their report, dated the 19th March 1910, which was approved and adopted by the Standing Committee (*vide* their Resolution No. 91 of 6th April 1910) and the Commissioner was asked to arrange to place before them lists of the worst cases which, in the Commissioner's opinion, required action.

Sub-Committee's recommendations.

The Report said that Dr. Bentley, who on request attended their last meeting, divided the wells into (1) those inside houses, mostly shut out from light and air, and therefore the most dangerous; such of them as contained anopheles larvæ must be filled up or hermetically sealed; nearly half the number of such wells in Fort North were not even used and, if covered, would not cause any inconvenience; (2) those situated at some distance from the houses or in the open, which it was not quite necessary to have closed altogether or provided with pumps for drawing water instead of trapdoors, but might be rendered safe by being stocked with suitable fish and kept clear from floating matter and rubbish. Fish for the destruction of mosquito larvæ might be obtained from the mainland, *e.g.*, Marole: turtles were perfectly useless. The Sub-Committee, concurring with Dr. Bentley, recommended the employment of a small staff to find out such fish and to stock the wells with them under the orders of the Health Officer. They further stated that "having regard to the fact that Dr. Bentley does not consider it necessary to adopt stringent measures in all cases, and having regard to the requirements and religious susceptibilities of the people, the Standing Committee should proceed first to deal with the most objectionable cases," a list of which the Commissioner should be asked to furnish with particulars as to whether the owners of the wells require them for use; and "the Standing Committee or the Sub-Committee should inspect each case as expeditiously as possible"; in cases where notices had already been served and objections received, further proceedings should be stayed, and the Commissioner should be asked to include in his lists the most objectionable of these cases. Lastly, a report should be obtained from the Health Officer as to the species of fish that could effectively destroy anopheles larvæ, the places whence they could be obtained and the cost of stocking the City's wells with such fish.

List of most objectionable cases to be submitted.

Stay of Proceedings.

Fish for Anti-malarial use.

Health Officer's Report on Fish for Anti-malarial purposes.

In reporting on this last point, I said that personally I was not sanguine of the result of the use of fish for anti-malarial purposes as a practical measure on any large scale, but that Dr. C. A. Bentley's opinion was as follows:—Although a considerable number of different species of fish will feed upon mosquito larvæ and pupæ, and some fish will even prey upon the adult insects leaping out of the water after them, it is only under special circumstances that they could be depended upon to effectually free a collection of water from mosquito larvæ. This is shown by the fact that it is almost always possible to find mosquito larvæ breeding in the streams and pools of water from which such fish are to be obtained. The explanation is that where for any reason a large and varied supply of food suitable for such fish exists, they are not likely to expend all their energies upon mosquito larvæ. On the other hand, it frequently happens, that the presence of weed and floating matter in a pond, tank, or well, affords favourable cover for mosquito larvæ enabling them to hide and escape the attacks of fish which might otherwise destroy them.

That fish can undoubtedly clear a limited area from mosquito larvæ is shown by the fact, that when in small *pucca* tank of clear water they will readily destroy any larvæ that may be introduced; and in some wells, which harboured large numbers of anopheles larvæ, the introduction of several dozen fish was followed by the disappearance of the larvæ, although temporarily.

Special Varieties of Fish.

There are at least two, if not more, varieties of fish, that will under favourable circumstances attack and destroy mosquito larvæ: the first, a small fish belonging to the class of top-swimming minnows (to which also the Barbadoes "millions" belong) locally known by the name of "Piku" appears to be of service; the other is the small "Chilwa." Both these varieties can be obtained in fresh water streams on the mainland and in Salsette. They are very small and can be easily caught in hundreds or thousands. The "Pika" is a small fish varying in size from 1½ to 3 inches in length. It usually swims on the surface and is easily recognised by a bright white spot on the top of its head between the eyes. The "Chilwa" is a fish of a different type. It usually swims more deeply in the water, but possesses the power of jumping to a considerable height above the surface.

Three conditions must be laid down if the use of fish is to prove effective:—(*a*) The fish must be of a kind that will feed upon mosquitoes; (*b*) the number present must be considerable; even a small well or tank may require a large number; (*c*) the water must be kept absolutely free of weeds and floating matter which might otherwise prevent the fish destroying mosquito larvæ. (My letter No. 2904 of 22nd April 1910). The best way of obtaining the species of fish mentioned by Dr. Bentley was to ask, through the local and mofussil newspapers, for tenders to supply fish of the "Piku" and "Chilwa" kinds and have a contract entered into.

Including wells, tanks, &c., there would be about 200,000 square yards of water to be dealt with in Bombay, and assuming that two of these fish would be required per each square yard, even if we are successful in keeping them alive, 400,000 would be required.

A contract should be entered into for the supply of 400,000 fish every year, if required. As, however, none of the Officers of this Department have any special knowledge of fisheries, it would be necessary to employ a man versed in the natural history of the fish so as to be able to distribute the fish in the different wells and tanks, and to preserve them and see that they destroy all the mosquitoes and their larvæ in these wells and tanks. I am unable to give any idea of the cost of obtaining and stocking the wells and tanks, and of preserving the fish when they arrive: this could be better estimated when we have a reply to the advertisement. (My No. 3313 of 26th April 1910).

Corporation forward extracts from Scientific Journals re: Anti-malarial measures.

The Corporation under their Resolution No. 7168, dated the 28th February 1910, forwarded certain extracts from Scientific and other Journals and asked my opinion as to whether it is desirable and practicable to try in Bombay the measures suggested therein; (ii) whether the introduction of small tortoises and turtles into wells of the City will free their water of mosquito larvæ, and, if so, to what extent.

(i) Experiments with the Cactus in French Africa.

The first extract referred to experiments made by the Chief of the Sanitary Service at Gaboon, French Africa, with the Cactus as a substitute for Petroleum for the extermination of mosquitoes in warm climates; as in such climates Petroleum evaporates too quickly and is thus of little avail: while the mucillaginous Cactus paste (formed by the leaves cut up in pieces and thrown into the water and sufficiently macerated) can hold its place indefinitely, lasting weeks, months, or even an entire year, and thus have the most thorough effect.

(ii) Experiments with fish in Tampa.

The second extract referred to experiments carried on in the City of Tampa, Fla, of stocking reservoirs with small fish to feed on the mosquito larvæ: "the fish eat the larvæ greedily, keeping the water clear of them, and live for years even in tanks that are covered."

(iii) The variety of "Millions" in Barbadoes.

The third extract referred to the fresh water fish from Barbadoes known as "Millions" (*Girardinus pœcilloides*), and their supposed action in preventing Malaria. Malaria is said to be very much less common in Barbadoes than in other West Indian Islands, and this comparative freedom has been suggested to be due to the presence of enormous quantities of the "Millions" in the fresh water pools. These little fish, being very voracious, are said to destroy large numbers of the larvæ of Malaria spreading mosquitoes.

(iv) Measures recommended by the Government Entomologist.

The fourth extract referred to the methods recommended by Government Entomologist, Mr. L. O. Howard, to kill fleas:—

(*i*) Placing a soup plate filled with soapsuds on the floor in an infested room and setting fire to the kerosine scum on the top of water in a glass which should be placed in the centre of the plate. Fleas in the room will be attracted and jump in the soapsuds.

(*ii*) Houses could be rendered immune by the use of alum: (*a*) in the whitewash of interior walls; (*b*) putting under floor matting sheets of thick paper dipped in a solution of alum; and (*c*) scattering pulverized alum in all corners where insects might lodge or breed. Powdered alum may be sprinkled upon carpets already laid; and sheets soaked in alum and dried may profitably inclose those nearest to the sleeper.

Health Officer's Report on the above.

My Report (No. 95 of 1st April 1910) on these extracts was to the following effect:—

(i) The method of destroying mosquito larvæ recently tried in Gaboon, French Africa, is possibly likely to be efficacious, as its principle is identical with that underlying the application of petroleum, or pesterine, or, in fact, any oily substance, namely, the exclusion of air from the larvæ. As to its desirability and practicability in Bombay, it is well-known that a section of the population have vigorously opposed the covering of their wells with gauze, wood, or iron on the ground of its excluding air and direct sunlight from the water and of its contaminating it to the extent of its preclusion from use in religious observances. Much more would the opponents of the present measures oppose one which, in addition to excluding light and air, also contaminated water by the addition of a sticky paste of unknown qualities. In view of the specific terms of the Corporation Resolution No. 6784 of 14th February 1910, wherein the Health Department are enjoined not to hurt the religious sentiments and feelings of persons on whose premises these wells happen to be, this measure though perhaps eminently suited for French Africa is unsuitable for general application in Bombay.

(ii & iii) As to the use of fish, this has been tried in Bombay already, but without success. It is proposed, however, to obtain some of these fish for experimenting in some of the tanks in Bombay.

(iv) The scheme proposed by Mr. Howard for the destruction of fleas may be a most excellent one in a laboratory; it is obviously unsuited for practical application on a wholesale scale. As the very great majority of householders in Bombay do not use floor-matting or carpets, I do not propose to discuss the value of the method described by Mr. Howard. The distribution of sheets soaked in alum to inclose those spread next the sleeper would appear to be impracticable.

The results of observations extending over several years show that there is no reason to believe that the introduction of small tortoises and turtles in the wells in the City will free the water from mosquito larvæ. Many wells in the City contain such already, and as I have frequently reported, the majority of wells breed mosquitoes on a large scale. I have reason to believe that the Malaria Expert Dr. C. A. Bentley has had similar experience, and is strongly of the opinion that it is a futile measure.

Sub-Committee's Report.

The third report of the Sub-Committee in connection with the closing of wells was dated the 28th September 1910, and approved and adopted by the Standing Committee under their Resolution No. 4181, dated the 5th October 1910. In this the Sub-Committee suggested a definite line of action in the case of wells not falling under worst cases, yet requiring some action. In view of objections of parties based mainly, if not solely, on religious grounds—prompted in many cases by the natural anxiety to preserve wells for use in case of failure of tap-water supply, but in some by the belief that pump water vitiated religious ablutions and ceremonies—and in view of the difficulty of ascertaining whether the objections are based on considerations of religion or utility, the Sub-Committee recommended the following course to the approval of the Standing Committee as offering the best solution of the vexed question: in the first instance it would be desirable and expedient to call on owners of objectionable wells to clean and protect them from pollution by wire-gauze mosquito-proof covers, trap-doors for drawing water being allowed wherever required. This would remove all objections and enable the Health Department to take some action at least in regard to the numerous objectionable wells. It would of course be necessary to closely watch the condition of the wells after they have been cleaned, and see that the trap-doors are not left open; for this the owners of wells should be warned that neglect will compel authorities to get the wells completely closed.

Definite line of action recommended.

The Sub-Committee recognised that there were several cases which could not be so met, and therefore advised that the Health Department should continue its work of investigation of the wells, tanks, cisterns, etc., and submit to the Sub-Committee a list of such as require to be hermetically sealed or filled in, with reasons for the same. The Standing Committee might then ask notices to be served on the owners to remedy the nuisance. The result should be watched and reported to the Standing Committee, who might then give sanction to prosecute after inspecting the premises and hearing objections.

"These measures," concluded the Report, "although somewhat tedious and slow and causing a large amount of extra work, the Sub-Committee hope will have some effect; at all events, the Standing Committee will be doing something, which, although not as thorough as the Sanitary Advisers to the Corporation desire, will gradually assist in decreasing the breeding places of mosquitoes."

Effects of orders passed.

I have endeavoured to indicate the way in which the instructions of the Standing Committee prescribed a change of procedure and laid down the narrow groove, which the anti-malarial measures of this Department were bidden to follow: all objections to the closing of wells were to be laid before the Standing Committee, a list of the most objectionable cases was to be furnished to that body, and the Sub-Committee were then to visit and inspect the wells and decide what was to be done.

As I pointed out in my special Report (No. 2181, dated 16th April 1910) called for by the Corporation on the results of the anti-malarial operations carried out during the six months from 1st October 1909 (when they were first commenced):—

"When the orders from the Standing Committee to stay proceedings came, 282 wells were under action; and, doubtless, the majority of these would also have been protected had not action been stayed. * * *. At present, in addition to examination for mosquito larvæ, a chemical examination of the water of wells is made. The results up to the present go to prove that in many instances there is little to choose between the well water and well-diluted sewage. * * *. Very many wells have not yet been examined, and it would appear very probable that something like 12—15 years would be required to deal with this question at this rate of progress."

As to the objections based on religious grounds and the protests received from the public against the anti-malarial requisitions of this Department, and the opinion expressed by the Corporation in their Resolution of the 14th February, already referred to, I have no hesitation in saying that in no case was there any attempt to interfere with the sentiments or habits of the owner or occupier of premises where infected wells or cisterns existed; the staff have strict orders to do their duty conscientiously and with all due deference to any habits or customs; for the first three months all letters were seen and signed by me personally, and before asking the sanction of the Standing Committee to proceed, every attempt was made to *persuade* the owners to protect their wells. When the work was transferred to the Deputy Health Officers, in the detailed instructions issued to them, I specially urged them "to, as f[illegible]

as possible, use their personal influence on any member of the public consulting them in regard to closure of wells and to explain that the sole object of this work is not to deprive the public of the well-water but merely to protect that water from becoming a source of danger."

As the Sub-Committee found and reported (*vide* their Report, dated the 28th September 1910), the objections though "based mainly, if not solely, on religious grounds" were "prompted in many cases by the natural anxiety to preserve wells for use in case of failure of tap water supply"; and I am fully under the impression that, had our procedure been allowed to continue, we should have shown some very good results; as people were beginning to understand that we were working for their benefit, and not our own. Our policy has always been to guide the people rather than coerce them; but the guiding hand must be a firm one and have the support of the Corporation; and when it is known that the reasons given for not complying with our requirements are not valid, pressure must be brought to bear. As I observed in my last Annual Report, possibly some inconvenience results from the measures which have to be adopted, but it is inevitable as in the case of almost every measure required for the protection of Public Health.

The enormous amount of work done and being done by this Department having thus received a check at almost the beginning of the year, our anti-malarial operations proceeded, on the lines laid down by the Standing Committee, at a much slower pace during the rest of the year.

The total amount of anti-malarial work done in the different Wards of the City during the year under report is summarised in the statement below :—

STATEMENT OF ANTI-MALARIAL WORK DONE DURING 1910.

i.	Wells examined for mosquito larvæ	4,338*
ii.	Cisterns „ „ „	9,220*
iii.	Tanks „ „ „	389*
iv.	Wells in which larvæ were found...	2,522*
v.	Cisterns „ „ „	1,033*
vi.	Tanks „ „ „	130*
vii.	Cases in which requisitions were addressed to parties	1,651
viii.	Cases in which requisitions were complied with	723
ix.	Cases in which sanction of the Standing Committee was requested for taking action under Section 381 of the Act	171
x.	Cases reported as being "most objectionable"	196
xi.	Notices issued against parties	107
xii.	Notices complied with	21
xiii.	Prosecutions undertaken	27
xiv.	Wells hermetically covered...	223
xv.	Wells filled in	74

Other Causes of Death :

Measles. From Measles 184 deaths were registered, being 109 more than in the last year, but 204 less than the average of the past five years.

Enteric Fever. To Enteric Fever 156 deaths were due, being 64 and 53 more than in the preceding year and the average of the previous five years respectively.

Malarial Fever. Malarial Fever is responsible for 293 deaths, being the same as in the past year but 47 more than the average of the last five years.

Ague and Remittent Fever. Ague and Remittent Fever occasioned 2,630 deaths against 2,322 in 1909 and 2,824 the average of the preceding five years.

Relapsing Fever. To Relapsing Fever 34 deaths were ascribed, being 59 and 316 less than in 1909 and the average of the last five years respectively.

Whooping Cough. To Whooping Cough 11 deaths were attributed, being 4 more than in the previous year but 7 less than the average of the preceding five years.

[illegible]rrhœa. From Diarrhœa 2,155 deaths were registered, being 563 more than in 1909 but 167 less than the last five-year average.

To Dysentery 1,197 deaths were ascribed, being 204 and 34 more than in the previous year and the average of the last five years respectively.

[illegible]peri- Puerperal Septicæmia caused 394 deaths, being 31 more than in the preceding year, but 5 less than the quinquennial average.

* Including repetitions.

To Leprosy 72 deaths were referred, being 23 less than in the last year and 31 less than the average of the previous five years. Leprosy.

Cancer occasioned 50 deaths, being 1 more than in 1909 but 5 more than the average of the preceding five years. Cancer.

147 deaths were registered amongst children born prematurely, being 4 and 17 less than in 1909 and the average of the last five years respectively. Premature Birth.

Debility occasioned 2,726 deaths, being 83 and 515 less than in the last year and the average of the preceding five years respectively. Debility.

To Old Age 1,999 deaths were due, being 94 more than in the previous year and 21 more than the average of the past five years. Old Age.

The Diseases of the Nervous System occasioned 2,003 deaths, being 140 less than in the past year and 37 less than the average of the previous five years. Diseases of the Nervous System.

The deaths due to the Diseases of the Circulatory System numbered 316, being 22 more than in the preceding year but 25 less than the average of the last five years. Diseases of the Circulatory System.

From Phthisis 2,282 deaths were registered, being 133 and 479 less than in 1909 and the average of the previous five years respectively. Phthisis.

To the Diseases of the Respiratory System 8,212 deaths were ascribed, being 238 more than in the preceding year but 1,144 less than the average of the past five years. Diseases of the Respiratory System.

The Diseases of the Digestive System caused 1,173 deaths, being 85 and 29 more than in the last year and the average of the preceding five years respectively. Diseases of the Digestive System.

To the Diseases of the Lymphatic System 16 deaths were attributed, being 8 less than in 1909 and 5 less than the average of the preceding five years. Diseases of the Lymphatic System.

From the Diseases of the Urinary System 314 deaths were registered, being 20 more than in the previous year and 44 more than the average of the last five years. Diseases of the Urinary System.

To the Diseases of the Generative System 145 deaths were due, being 2 more than in the previous year but 27 less than the average of the last five years. Diseases of the Generative System.

96 deaths were due to the Diseases of the Organs of Locomotion and Connective Tissue, being 30 less than in the last year and 33 less than the average of the preceding five years. Diseases of the Organs of Locomotion and Connective Tissue.

To Accidents and Violence 701 deaths were due, being 3 more than in the past year but 35 less than the average of the previous five years. Of these, 33 deaths were the result of Poisons, being 27 and 25 less than in 1909 and the average of the last five years respectively; of these 20 were suicidal, 8 accidental, 3 from Snakebite and in 2 cases the circumstances under which the poison was administered were not known: 102 deaths were due to Drowning, being 12 and 27 less than in the last year and the average of the past five years respectively; of these 33 were suicidal, 35 accidental and in 34 cases the circumstances under which the deaths took place were not known. Accidents.

The ten Municipal Dispensaries throughout the year dispensed, as in the past, free medical relief to the sick poor of the City, and the results of their work show a satisfactory advance over previous years. The actual number of new cases (individuals) treated at the Dispensaries was 83,527 (52,857 males and 30,670 females) against 77,019 in 1909, making 440,669 the total number of attendances against 406,685 in the previous year. Out of these, 2,726 patients were seen at their houses. Municipal Dispensaries.

The diseases treated at these Dispensaries were Fevers, Small-pox, Cholera, Measles, Plague, Diarrhœa, Dysentery, Diseases of the Nervous, Circulatory, Respiratory, Digestive, Urinary and Generative Systems, Rheumatism, and other General and Local Diseases.

In addition to the above, the actual number of new cases (individuals) treated at the Colaba and Victoria Bunder Charitable Dispensaries was 6,335 (4,576 males and 1,759 females) making 21,484 the total number of attendances; out of these, 70 patients were seen at their houses. A contribution to these Dispensaries is paid by the Municipality and they are under the direct control of the Registrar, No. 1 District, who visits them daily.

The notifications received from the Medical Practitioners in the City during the year number 1,487—1,086 for Plague and 401 for other Infectious Diseases—as compared with 2,084 during the preceding year. Notification of Infectious Diseases.

From Hakims and Vaidyas 68 notifications were received, and the diseases reported in 66 cases were, on investigation by the medical men of this Department, found to be correct.

Certification of the cause of death.

During the year, 7,601 certificates of cause of death were received; 2,894 from qualified Medical Practitioners, 137 from Hakims and Vaidyas, 3,393 from various Hospital Authorities and 853 and 324 from the Commissioner of Police and the Coroner of Bombay respectively. The cause of 795 deaths was certified by the Registrars after seeing the persons during their last illness, and the cause of death of 25,607 and 897 persons was verified by the Registrars; in the former cases, on the information gathered from the relatives of the deceased, and in the latter after seeing the dead bodies. In 35 cases the cause of death was not ascertained, as the residence of the deceased could not be traced.

Visiting Nurses.

During the year, the Nurses working under the Registrars paid visits to 49,428 houses, chawls and huts, and they enquired into 5,837 cases of ordinary sickness, 1,581 cases of Infectious Diseases and 2,975 deaths amongst the female population of the City. They also attended 713 confinements and ascertained 7,528 births. Their work has already been examined in the opening pages in greater detail.

Certificates issued.

During the year, 707 copies of certificates of the registry of Death and 142 of Birth and 27 true copies of Birth and Death Reports were issued and the total fees received on account of them and for searches of Birth and Death records for indefinite periods as well as for producing such records in Courts of Law amounted to Rs. 1,082 against Rs. 1,113-14-0 in the previous year.

Notices under the Act.

The Notices issued by the Health Department under the various sections of the Municipal Act during 1910 numbered 3,389 against 3,040 in the foregoing year. Of these, 1,290 were complied with, 1,508 were not complied with, 180 cancelled and 411 are pending.

In 1,861 cases summonses were issued by the Presidency Magistrates at the instance of this Department against 1,718 in the last year. Convictions were obtained in 757 cases, and in a few cases the parties were warned and discharged; 307 cases were dismissed and 797 withdrawn, the offences having ceased.

Besides these, 1,181 notices were issued during the year against overcrowding; of which 1,083 were complied with, 57 were not complied with, 14 cancelled and 27 are pending. In 90 cases summonses were issued by the Presidency Magistrates for not complying with the Notices issued by this Department. Convictions were obtained in 88 cases, 2 having been withdrawn.

Conservancy work.

During the year 857,878 carts of kutchra, drain stuff and other matter were emptied at the Tardeo Flats and other places in the City against 748,795 carts in the preceding year. Of these, 601,488 were Departmental and 256,390 private.

117,175 Night-soil and cesspool carts and 4,271,898 night-soil baskets were emptied at the several Night-soil Depôts in the City during the year under report, as compared with 126,684 night-soil and cesspool carts and 4,173,295 night-soil baskets in 1909. All the night-soil carts were Departmental.

ADMINISTRATION OF PUBLIC HEALTH.

Divisions of the City.
(i) Wards.

For administrative purposes, the City has been divided into seven Wards, each under the subordinate charge of a Deputy Health Officer, who is responsible for both the conservancy and sanitary work of his Ward. The Deputy Health Officers are assisted by a staff of Sanitary and Conservancy Inspectors, Assistant and Sub-Inspectors. The Deputy Health Officers are controlled by the Executive Health Officer, who is assisted by two Assistants.

(ii) Registration Districts.

For the purposes of the Registration of Births and Deaths and free Medical Relief, the City is divided into ten Districts, with ten Municipal Charitable Dispensaries, each in charge of a Registrar with two Sub-Registrars and one trained Visiting Nurse and Midwife attached. Each of these District Offices is equipped with staff for registering births and deaths, enquiring into the cause of death, for checking Cemetery Returns and for disinfecting houses and rooms where cases of Infectious Diseases may have occurred or dead rats may have been reported. The work of the Registrars is supervised by the Deputy Health Officers and the Executive Health Officer with his two Assistants.

There is also a Special Assistant Health Officer in charge of the Arthur Road Hospital for Infectious Diseases and the Maratha Hospital for Plague.

Municipal Laboratory.

For Analytical and Bacteriological examinations, there is a Municipal Analyst in charge of a fully-equipped Chemical and Bacteriological Laboratory: chemical analysis and bacteriological examination of Municipal waters is conducted by him.

Veterinary Establishment.

The Veterinary Staff includes four qualified Veterinay Surgeons with a Shalotri, who inspect the Milch Cattle Stables in the City and the Municipal bullocks, and are in charge of the Municipal Bullock Hospital.

The Vaccination Staff includes, besides the Superintendent and the Assistant Superintendent, ten Vaccinators, one Head Clerk with four subordinate clerks and the menial staff. Vaccination Establishment.

For Conservancy and Sanitary Work the Inspectorial Staff consists of— Inspectorial Staff.

3 Chief Inspectors,
7 Sanitary Inspectors,
7 Conservancy Inspectors,
1 Loading Siding Inspector,
1 Night Branch Inspector,
6 House Drain Inspectors,
7 Assistant Inspectors,
68 Sub-Inspectors,
2 Halalcore Inspectors.

PLAGUE MEASURES.

With the continued presence of Plague in the City, the different preventive and precautionary measures carried out by this Department have become a part of its routine work; all these were continued in the year.

5,043 inoculations were performed in 1910 compared with 4,544 in 1909, giving an increase of 499; 1,964 of these were done by the Registrars of the Districts. (i) Inoculation.

STATEMENT OF INOCULATIONS PERFORMED DURING THE YEAR 1910.

	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
District 1 ...	...	...	3	40	15	...	...	...	...	...	...	...	58
,, 2 ...	1	...	...	4	5	2	...	3	...	17	...	...	32
,, 3 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 4 ...	...	...	27	...	...	3	...	...	...	5	6	9	50
,, 5 ...	47	63	63	92	81	100	52	53	77	169	168	237	1,202
,, 6 ...	...	182	44	...	...	...	...	...	...	...	...	131	357
,, 7 ...	...	...	...	...	...	...	4	...	...	...	...	...	4
,, 8 ...	45	20	115	7	17	10	4	6	15	...	...	...	239
,, 9 ...	...	...	22	...	...	...	...	...	...	...	...	...	22
,, 10 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parel Laboratory ...	108	119	80	137	93	50	16	28	80	68	78	25	831
H. M.'s Prison ...	129	234	299	150	182	207	184	165	177	206	118	197	2,248
Total ...	330	618	653	430	392	372	260	255	299	465	370	599	5,043

Rat raids also gave much larger results than in 1909: 528,430 rats were collected and destroyed during the year under report, compared with 432,568 in 1909, and 374,386 in 1908, being an increase of 154,044 over 1908 and of 95,862 over 1909. (ii) Rat Destruction.

From the annexed Rat Statement it will be observed that of the 528,430 rats collected and sent to the Parel Laboratory, 119,456 were examined and 11,493 were found infected; the percentage of infected rats to the number examined being 9·6 against 10·4 in 1909, 12·3 in 1908, and 14·2 in 1907.

The percentage of infected rats rose from 8·2 in January to 15·4 in February, 16·5 in March and to 19 in April; it then began steadily to decline: from 13·6 in May it fell to 8·2 in July, 4·9 in September and 3 in November; it rose to 3·1 in December.

STATEMENT SHOWING THE NUMBER OF RATS COLLECTED AND THE NUMBER AND RATIO OF RATS FOUND INFECTED DURING 1910.

MONTHS.	Total number of Rats sent to the Parel Laboratory.	Number of Rats examined.	Number of Rats found infected.	Ratio of rats found infected per 100 Rats examined.
January	53,853	11,540	956	8·2
February	48,163	12,542	1,942	15·4
March	46,561	12,368	2,051	16·5
April	42,702	11,548	2,196	19·0
May	34,626	8,637	1,180	13·6
June	33,336	7,389	651	8·8
July	34,722	6,799	562	8·2
August	37,870	6 935	462	6·6
September	38,764	7,305	363	4·9
October	45,610	9,149	345	3·7
November	53,334	11,841	356	3·0
December	60,886	13,403	419	3·1
Total ...	528,439	119,456	11,493	9·6
1909 ...	432,658	91,540	9,600	10·4

Rat Plague and Human Plague.

. In the Diagram that follows the relation between Rat Plague and Human Plague has been illustrated : the rise in Human Plague will be seen to have followed on the rise of infection among rats ; and the fall in the percentage of infected rats will be found to have been followed by a corresponding fall in the incidence of Plague.

(*iii*) Evacuation.

To induce evacuation of congested and infected areas, Municipal Health Camps were put up as usual : at Victoria Bunder, Agripada, Northbrook Gardens, Purbhadevi Road, Parel Government House, Baboola Tank, Gilder Tank, and Mahim Gardens and Railway Station.

To provide against possible emergencies, semi-permanent Health Camps were kept in a state of repair during the monsoon at Koliwada (Colaba), Northbrook Gardens and at the junction of De Lisle and Arthur Roads.

Besides those there were Health Camps put up by the public at Chowpati, Vincent Road, Matunga and Mahim.

(*iv*) Disinfection.

Every place where an infected rat was found or a Plague case occurred was, as usual, pesterined ; and all gullies and passages between houses were similarly dealt with.

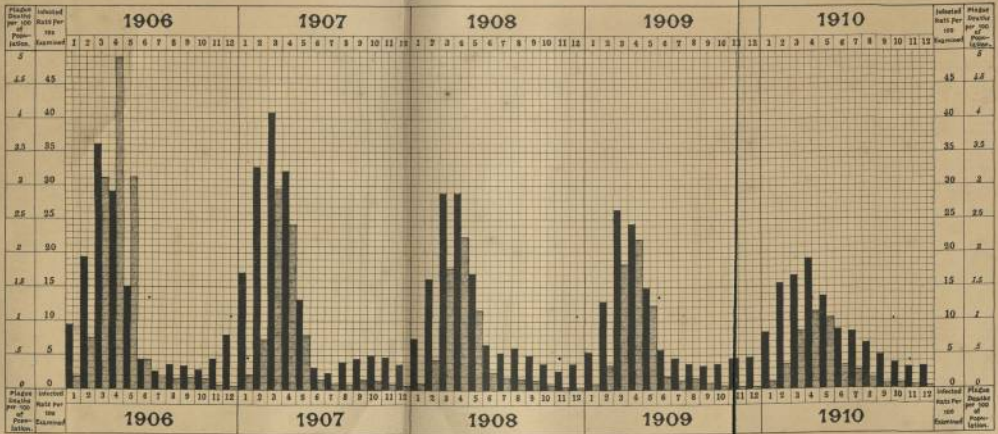
STATEMENT OF CASES REMOVED TO HOSPITALS, HOUSES VACATED AND HOUSES DISINFECTED IN 1910.

On account of.	Cases removed to Hospital.	Houses Vacated.	Houses disinfected.
Precautionary Measures	.....	128	2,708
Dead Rats	.....	40	913
Plague	369	119	4,010
Suspicious Plague	11	.....	46
Small-pox	647	2	1,604
Measles	29	.....	307
Chicken-pox	22	.....	23
Typhoid Fever	69	.....	44
Malarial ,, ...	43	.....	148
Remittent ,, ...	6	.....	7
Relapsing ,, ...	9	.....	31
Cholera	30	4	144
Erysipelas	10	.....	9
Leprosy	.....	.....	1
Diarrhœa	55	.....	4
Tubercle of Lungs	58	.....	117
Phthisis	117	.....	2,748
Pneumonia	57	.....	10
Other Causes	329	.....	8

DIAGRAM

Relation of Rat Plague to Human Plague

during 1906 to 1910.



Shri Karunesh Printing Press, Girgaon Bombay.

SANITARY MEASURES.

Disposal of refuse by Destructor.

The question of installing a Refuse Destructor made little progress during the year; it was referred back to the Special Committee for reconsideration and report as to (*i*) the utility of an Incinerator; (*ii*) whether any nuisance is likely to be caused thereby; (*iii*) the site most suitable for its location; and (*iv*) the financial aspect of the question (Corporation Resolution No. 3262 of 18th August 1910). I submitted the following report on these points (No. 26973 of 18th November 1910):—

Since 1870, the early dawn of "Destructors," great advances have been made and a large amount of accurate and thoroughly reliable data has been accumulated from practical experience in the working of numerous Destructor Plants, not only in this country, but in almost all parts of the civilised world. About twenty-five years ago some dozen cells only were in use in two towns in Great Britain, whilst to-day about 3,000 cells are in operation in nearly three hundred towns, and in the majority of these, the gross cost of running the plant is reduced by the use of the heat generated in the process. Some sixty-five of these towns have combined their stations with Electricity Works, whilst about forty supply steam power for pumping at Sewage Works and three render a similar assistance to the Water Works of the districts they serve.

The development of the Destructor System, like all new departures, has had its struggles for existence, and many different types of furnaces have been designed, patented and advertised, but the test of practical trial has relegated very many of these to that eternal oblivion they so well merited. As in other spheres, that inevitable rule of the survival of the fittest has been found to apply.

i. *Nuisance from Destructors.*—Early types of refuse-burning furnaces were unsuited for their work and many genuine nuisances were created—so much so that a strong prejudice was engendered in the public mind against the "Destructor System" which is still barely eradicated. The improvements achieved of recent years have, however, made it possible, as I pointed out in my previous Reports on the subject, to place a Destructor in the midst of a populated centre without fear of any material inconvenience to neighbouring inhabitants. It is no uncommon experience in proposing a site for a Destructor, or starting the running of a new works, to be met with sundry objections and "complaints," notwithstanding the fact that not a vestige of real ground for the same exists.

Guarantee of Performance.

Much scientific and practical engineering talent has been devoted to the development of the modern Destructor, and in this connection the views expressed by such distinguished persons as Lord Kelvin and Professor Forbes are too well known to require detailed reference here. Experience has shown the way to the design of an efficient Destructor, has made clear the weaknesses of earlier types, and has proved again and again what is the true calorific value of average town-refuse, so that manufacturers of Refuse-burning Plants are now able in their contracts to give definite and reliable guarantees of performance, such as both users and makers may, with a reasonable degree of certainty, expect to fully realise.

Temperature in Destructor cells.

Probably the most vital improvement in the course of the evolution of the modern Destructor has been the general adoption of high temperature working. The early Destructors known as "Low Temperature Furnaces" worked at a black red heat generally well below 1,000 degrees Fah., and were capable of imperfectly dealing with not more than five or six tons of refuse per cell per day. The temperature at Hull before the adoption of forced draught was only about 600 degrees Fah., and at Nelson, in the old "Beehive" furnace, about 725 degrees. With the object of remedying nuisances which were then created, the Jones Fumo Cremator, recognising that the question of temperature was an important element of weakness, brought the temperature of the gases from the cells up to about 1,100 degrees. A gradual increase has since been made, owing to the almost universal adoption of forced draught, and at the present time, temperatures ranging between 2,000 degrees and even approximating to 3,000 degrees are commonly employed. Nelson in its new Destructor, at a test in April 1901, recorded a temperature of 2,693 degrees Fah.; West Hartlepool in its new furnaces, tested in 1904, showed temperatures above 2,200 degrees Fah. (beyond the range of Pyrometer), and the temperature of the Combustion Chamber at the Walker-on-Tyne Destructor, as tested in November 1902, at its maximum approximated to 3,000 degrees Fah.; nickel was melted five times and a tin chain was fused and melted four times. The average working temperature is over 2,000 degrees.

ii. *Utility.*—In my Report made in November 1908 I went fully into these questions, but as further information was asked for I wrote to all the leading Destructor Makers in England, and all those places in India and Tropical countries where Destructors have been installed. The replies and reports received show that every town or city of any importance has now erected a Destructor. There are 300 Destructors working in England alone: that city with a similar kind of street refuse has adopted these systems with success, while in

many cities night-soil is also incinerated. It can be seen that apart from the utility in destroying refuse at once, a large amount of steam is available for electrical works, pumping sewage and concrete making and slabs for footpath. In many towns the power is used for lighting the streets and running tram-cars. Such an installation, if erected in Bombay, could be similarly taken advantage of in pumping sewage or storm-water, lighting the installation, destroying dead animals and utilising the clinkers for road works, reclaiming land or making concrete.

Destructors are placed in the most populous districts in England.

iii. *Suitable sites.*—In Bombay the best sites are :—(1) Carnac Bridge : this site is Municipal property and suitable for one installation. I do not think it will, in any way, interfere with the comfort of the pilgrims, or be a nuisance to the neighbourhood. The financial aspect is sound. (2) Colaba Gun Carriage Factory : this is Military property, and an installation here will destroy 100 tons of refuse per day at a less cost than now. (3) Kamatipura : Municipal land in Stable Street or Shuklaji Street. An Incinerator could be placed here and dispose of 100 tons of refuse per day. (4) Babula Tank and (5) Sion : an Incinerator could be placed on Municipal land at each of these places and dispose of 100 tons of refuse per day. (6) Belvedere Hill : the site is private property where an incinerator could be placed and 100 tons of refuse disposed of every day. (7) Tardeo Flats : Municipal property, and an Incinerator could be placed here and 300 tons of refuse per day disposed of.

iv. *Financial aspect.*—The following is a comparison of the methods now working in Bombay and the proposed method showing the cost of each :—

To remove and dispose of 100 tons of town-sweepings daily :—

(*a*)	By Bullock cart direct from wards and by rail to Deonar	Rs.	63,825
(*b*)	By Motor including cost of bullock carts for collection and haulage to Loading Depôt at Palton Road and by rail to Deonar	,,	82,000
(*c*)	By rail from Colaba, including cost of collection and loading at the Colaba Siding and by rail to Deonar	,,	70,620
(*d*)	By *Destructor* at Carnac Bridge, Kamatipura, Babula Tank, Colaba, Tardeo, including collection and disposal, *exclusive of any return from power or sale of proceeds*	,,	44,500

The figures given for removal by Motor are the highest, but the saving by using Motor is due to the number of pairs of bullocks and carts and drivers reduced and the number of standing carts abolished.

I cannot speak too strongly of the advantages the Incinerator has over the existing methods in Bombay. The rapid disposal of town-sweepings is of the greatest importance in eastern cities, and I have been for ten years urging the Corporation to adopt better methods. The Corporation is aware of the difficulties put in our way by the G. I. P. Railway authorities in providing a siding in central situation, and it was only after many years of strenuous but unavailing attempts on our part, that this method had to be abandoned.

The destruction and final disposal of town-sweepings by fire within a few hours of collection is the best method to adopt. It is less expensive. It avoids the haulage of refuse to long distance through the City and saves the loading and unloading and haulage by rail.

I therefore strongly advise the Corporation to adopt Incinerators and gradually do away with the difficulty and nuisance now caused by the delay of disposal and the passing of refuse carts long distances through the narrow streets and the constant trouble we have with the bullocks and drivers.

Incineration is the cheapest and most sanitary method. I advised Horsfall Installation as, of all those I saw at work, it appeared to me the best ; and there are more of this make in use than any other.

We want the best we can get and my advice is to ask for tenders from the chief makers for a 6 cell installation to destroy 100 tons per day to be erected at the Carnac Bridge site and another at Kamatipura. This will take some years, but if the Corporation decide to adopt this system, ways and means can be provided in the future in anticipation of a reduction in the present cost of refuse disposal.

On the 1st of April 1910, I submitted a report to the following effect on the working of Motor Vans for the removal of town refuse (No. 55 of 1st April 1910) :—

Two of the three Motors we have were brought into use on the 30th October and the [illegible]d on the 9th November 1910.

Up to the 27th January 1910, the three Motors were worked for eight hours a day only, *viz.*, from 6 a.m. to 10 a.m. and from 2 p.m. to 6 p.m., making in this time four trips each to the Mahaluxmi Loading Siding.

Since the 28th January 1910, we have worked two Motors sixteen hours daily, with two shifts of drivers, the first shift from 6 a.m. to 2. p.m. and the second shift from 2 p.m. to 10 p.m.—keeping one Motor spare.

The Motors have up to now run a total distance of 12,000 miles, or an average of 4,000 miles each.

The average number of trips made daily is between 18 and 19.

Taking into account the new pattern high-sided carts in use in B ward, about 150 average cart loads of refuse are removed by the Motors daily. The cost of working the Motors by shifts, excluding the cost of repairs, works out to Rs. 21,000 per annum.

The reduction effected by the introduction of Motors has been as follows :—

102 cart drivers at Rs. 10-8-0 each p.m. reduced from A and B wards together— Rs. 12,852 per annum.

The reduction of these carts has given us 105 spare pairs of bullocks which have been distributed to Wards requiring them. This has rendered the purchasing of that number of bullocks unnecessary, and the saving so far as the Motors are concerned is the feed of 105 pairs at Rs. 20 p.m. per pair=Rs. 25,200 per annum. Apart from the cost of purchasing new bullocks, which has been saved, the reduction in expenditure has been Rs. 12,852+25,200= Rs. 38,052 per annum against an expenditure of Rs. 21,000, or a net saving (in round figures) of Rs. 17,000 a year.

I have not taken into account the cost of repairs to the Motors, as I believe the cost of repairs to the large number of carts which have been reduced will cover the cost of repairs to the Motors.

It is not always that sanitary improvements can be effected without entailing a heavy expenditure, but in this case in addition to the saving of Rs. 17,000 a year, we have been able to dispense with 40 standing dust-bin carts from the streets, thus removing the refuse more frequently than hitherto. I have no doubt the public, especially those living near the sites of the removed dust-bin carts, are grateful for this.

The introduction of the Motors has also reduced, by 150 trips to the flats, the long string of carts that were to be met with daily, thus reducing the dust and dung, the wear and tear of roads and carts.

The removal of refuse by Motors is now to Bombay and naturally there have been difficulties in connection with their working, but these difficulties will disappear, and in ordering more Motors slight alterations will be necessary.

The Motors themselves have given very little trouble : the trouble has been with the drivers. On some occasions two men were absent at one and the same time and then we experienced some trouble.

In my subsequent reports (No. 1778, dated 13th April 1910, and No. 17481, dated 19th August 1910) I thus brought out the great financial gain to the Municipality which the provision of additional Motors promised :—

Looking to the present circumstances I think there should be ten Motors for the removal of refuse, including two to be kept as reserve to meet emergencies. There are at present three Motors working from the Palton Road Stables and removing refuse from A and B Wards; the proposal for the purchase of two more has been sanctioned. If five more Motors are allowed, making in all ten, I intend to use the old Null Bazar Stable as the loading depôt for the Motors and to remove refuse by Motors from certain parts of B, C, D, and E Wards; and I anticipate that there will be a further reduction of 200 pairs of bullocks. Thus the work of this Department could be carried on with 1,000 pairs only against 1,563 pairs now budgetted for. It has to be noted that the reduction from A and B, and C, D, and E Wards cannot be uniform, as the distance from these latter Wards to the Mahaluxmi Loading Siding is less and therefore enables the work to be managed with a smaller number of bullocks and drivers.

There will be a probable saving of Rs. 37,000 under the grant for the purchase of bullocks, as no new bullocks will be required during the next year for the Scavengering Branch; and no new carts being also required, there will be a further saving of Rs. 19,200 under this head. The total saving thus anticipated (Rs. 56,200) will nearly pay the cost of providing five additional Motors (Rs. 12,000 × 5 = Rs. 60,000).

The cost of working five additional Motors will be about Rs. 35,000 to Rs. 40,000 per annum. Against this a reduction of 200 pairs of bullocks is anticipated, which will give a saving under Feed grant of (200 × Rs. 18½ × 12 months =) Rs. 44,400. About 150 cart drivers will also be reduced and the saving under this head will amount to (150 × Rs. 10½ × 12 months =) Rs. 18,900; and the total saving will be Rs. 63,300.

Incidentally with the question of increased Motor service, if that of providing additional stabling accommodation be considered, our present requirements will be considerably modified, resulting in savings as under : —

	Estimated or Probable Savings.
Null Bazar Stable for C Ward *not required;* estimated to cost	Rs. 1,35,000
Foras Tank Site Stable for G Ward *not required*; estimated to cost ...	,, 1,25,000
Reduction of accommodation at New Stable to be erected at Kamatipura to 60 pairs—*Saving*	,, 73,300
Reduction of accommodation in the proposed Stable at Jail Road for F North from 107 to 70 pairs. *Estimates not ready.*	
Reduction of 15 *to* 20 *per cent. in the accommodation* in the proposed Stable on Gilder Tank Site for D Ward. *Estimates not ready.*	,, 1,00,000
	Rs. 4,33,300

The present stabling accommodation for A, B south, C and E east Wards will be quite enough; F and G Wards have also sufficient stabling accommodation. But the Branch stable at Mahim will have to be converted into a *pucca* stable at a cost not exceeding Rs. 10,000.

It must, however, be borne in mind that in a large city like Bombay, a sufficient reserve of Motors should be maintained for the regular and uninterrupted Motor service for the removal of refuse. Experience has shown that there should be about 30 to 40 per cent. reserve, to replace Motors out of order and sent for repairs and to supplement the work of Motors in regular service. If no such reserve be maintained, there is danger of the service getting dislocated and of refuse accumulating to the great nuisance of the neighbourhood in case of any mishap to the Motors in work. There will therefore be about seven Motors in regular work and the rest in reserve.

I am glad to be able to record that the seven additional Motors asked for have since been sanctioned and two of these are expected to arrive shortly.

Drainage and Sewerage of the Northern Parts of the City.

In my Annual Report for 1909 I observed that the northern part of the City, especially since the abandonment of the Mahim Scheme by the Improvement Trust, was being rapidly built upon, and emphasised the urgency of providing there a system of drainage, both for storm-water and sewage. During the year under review, I submitted further reports on the subject in February and March to the following effect (No. 40271 of 8th February 1910 and No. 46186 of 23rd Mach 1910) :—

About 30 new chawls are being built in close proximity to each other near Khed Tank and Satan Chowkey in the locality known as Dadar-Kumbharwada. All these buildings are large and are being built so close to each other, that there is no yard or open space left for the disposal of the sullage by means of irrigation. This will necessitate the construction of large cesspools which will have to be attended to by this Department.

But the great difficulty that exists in carrying out the conservancy arrangements of these chawls is that there is no proper roadway leading to the buildings. In the rainy season it will be impossible to carry the cesspool carts to the locality and great nuisance will be caused by the overflowing of the cesspools.

It is therefore absolutely necessary to provide some means of drainage for these buildings in the interest of the health of the locality. The matter should be treated as very urgent and the Drainage Engineer asked to suggest a temporary scheme for the drainage of these new buildings, as the settlement of the general question of the drainage of the whole of the northern part of the City will take a long time.

I visited the locality again in March, as the Drainage Engineer expressed his opinion that it was not advisable to lay down any separate drainage scheme for the locality in question ; and I reported as follows :—

I have thoroughly inspected the place and I regret I cannot agree with the Drainage Engineer. The number of buildings that are springing up in this area and in many parts of the Island, and the manner in which they are being erected, ought to convince anybody of the necessity of efficient drainage, which is the first requisite in developing any building area.

It is a matter for regret that no protest has been raised by the Executive Engineer against the erection of so many buildings on land which is not properly laid out. Powers under the existing Municipal Act to prohibit the erection of buildings in localities where no proper roads and no drainage exist are indeed not as full as they ought to be, but powers do exist, and I would draw attention to Sections 291 and 296 and the opinion of Counsel, dated 4th November 1902, regarding Section 348. I have already pointed out the means to remedy this defect in my report No. 27683 of 15th November 1909 wherein I observed :—

"Now is the time to rescue this part of Bombay from what is threatening to be a dangerously insanitary locality, and, by laying out streets and sewers, direct the rapid development of the City northwards. If the recommendation of the Committee is to be given effect to, I think it both advisable and necessary to stop the erection of any more buildings in the undrained portions of F and G Wards until a system of drainage and town-planning has been settled. There is no Section of the Municipal Act under which the prohibition can be carried out except Section 348 (1) *b*. But as the time-limit in the latter Section is only six months, and its provisions are vague, I would suggest that Government may be requested to immediately empower the Commissioner in this matter."

The irregular and unsystematic manner in which this area is at present being built upon emphasises strongly the necessity for the proposed Town Planning Bill, and indicates that this beneficial measure has not been taken in hand a day too soon.

From an inspection of the locality in question, I think it may be possible to drain it into the existing system of sewers at the junction of Elphinstone Road and DeLisle Road. The sewer in the latter locality is being enlarged and a new Ejector has also been placed near the Lower Parel Level Crossings. No difficulty ought therefore to exist in the disposal of additional sewage from this locality by means of these sewers.

The new drain proposed by me should commence from Satan Chowkey and run a short distance northwards, and then westwards, along Khed Gully No. 2. Thence it should take a southern direction along the public passage which ultimately opens on Elphinstone Road along the east side of the Crown Mills. The total distance is less than a mile and the general configuration of the locality appears as if the levels will permit of this arrangement being carried out.

The Drainage Engineer's suggestions are impracticable: we cannot call upon the owners of these buildings to leave a sufficient area of land outside their buildings for the purpose of irrigation, nor is it desirable. There is no legal obligation on them to carry out any such requisition, and, as a matter of fact, they are erecting the buildings on every available inch of ground they have got hold of. Refusal of water connections inside the buildings will not also improve matters. Nothing short of an adequate system of drainage will prevent the nuisance which, I seriously apprehend, will take place owing to the irregular and insanitary method of building on land which has not been prepared for population.

Adulterated Milk Supply.

In my last Annual Report I mentioned that the Corporation had referred the whole question of adulterated milk supply to a Sub-Committee for consideration and report, and meanwhile desired a report from me if "it is not feasible to arrange for a prompt and authoritative analysis of suspicious milk so as to admit of unwholesome milk being summarily dealt with on the strength of such analysis." (Resolution No. 6783 of 14th February 1910.)

I submitted my report under No. 38693 of 3rd March 1910 to the following effect :—

As milk is rarely so badly adulterated or altered in quality as to be distinguished at sight, the difficulties of administering Section 416 of the Act are obvious. The only way to ascertain the quality of milk is by analysis, which necessitates a delay of at least twenty-four hours and in the meantime the milk from which the sample was taken has been disposed of. Further, in the event of the sample showing that the milk was diseased, unsound, unwholesome or unfit for food, no penalty is provided under the existing Act other than the destruction of the milk; but as this has already been consumed, the penalty is *nil* in the particular case of milk being found unsound. I have pointed out in my previous Reports this weakness of the Act and urged that all milk-sellers, dairymen and cowkeepers must be registered and licensed; that the Act should be amended in this respect, and some provision made for a penalty to be imposed on those who have been found to be in possession of milk for the purpose of sale as human food—which on examination by a competent Analyst is certified to be either diseased, unsound, unwholesome, adulterated or unfit for food.

The Municipal Analyst's reports show clearly that a very extensive system of adulteration of milk prevails in the City, and until the existing Act is amended it is not feasible to carry out the suggestion of the Corporation quoted above.

In the month of August, Cholera was prevalent in Nadiad, and the Health Officer of Ahmedabad was taking steps to prevent the importation into his city of milk and cream from

that place. Our investigations showed that from 50 to 60 cans of cream and 10 to 15 cans of milk were being daily imported into Bombay by some of the dairies and milkshops in C, D and E Wards of the City. My report to the Commissioner, in reply to his query if we could not do any thing in the matter, referred him to my previous reports and recommendations on the subject, and was to the following effect (No. 19086 of 3rd September 1910):—

We have practically no power over the milk trade. The question of amending the Act so as to make it applicable to milk and butter articles, and of other amendments relating to food and drugs has been before the Corporation and its Committees for years, and nothing has been done. Nothing less than a strong representation to Government on the subject will have any effect, and, I think, the Commissioner ought to move in the matter if the Corporation will not.

With regard to the question of stopping milk coming from districts outside Bombay, I know of no power beyond issuing a notification to the Public and the Railways that certain places are suffering from Cholera and that milk coming from such places is dangerous; beyond this, I fear, the Commissioner cannot go without asking for powers from Government.

The Deputy Health Officers have instructions to find out whence all milk comes from, and should any come from infected areas it will be seized.

As I have represented time after time, we cannot seize milk unless it is diseased, unsound, unwholesome or unfit for human food, and this we cannot prove without examining samples; in the meantime, the milk from which the sample has been taken has been sold and there is no penalty.

In October the Corporation asked the Commissioner (Resolution No. 4275 of 10th October 1910) to submit "draft amendments of the Municipal Act, so as to give to the Municipal servants the powers to serve summonses and to the Food Inspectors the power of arrest, and also to secure for the Municipality additional powers to deal effectively with impure milk."

These draft amendments are now under preparation, and I hope all my recommendations on the subject will be embodied in the Act and will be in force long before I write my next Report.

Infected or Tuberculous milk.

The question of adulterated milk supply leads on to that of infected or Tuberculous milk, and the investigations carried on by this Department in connection therewith during 1910.

Bovine and Human Tuberculosis.

It is now definitely settled that Tuberculosis in cattle may and does cause Tuberculosis in man, and this is especially important with reference to the disease in children in India.

The interest taken in the cause and control of this disease in England, France, Germany, America, Australia and other countries of the world, and the investigations undertaken by them have tended to reduce the incidence of the disease considerably.

But in India little has been done to ascertain whether the conditions which obtain in other countries exist here, or how they may vary.

It is generally assumed that Bovine Tuberculosis is rare in India, and with a view to ascertain the truth I undertook some investigations.

Work done in 1897.

The only work done, that I could trace, was in 1897 when the Health Officer of Bombay tested some cows and buffaloes with Tuberculin. No record was kept and the opinion given was that Bombay cattle did not suffer from Tuberculosis.

In considering the possibility of children in India contracting Tuberculosis, both general and pulmonary, from tuberculous cattle either by milk or infected fæces and also by milk infected by human agencies, the following questions present themselves for solution:—

Questions for solution.

(*i*) Whether cows or buffaloes in India suffer from Tuberculosis?

(*ii*) Whether milk could be infected from human or bovine agencies, after it had been drawn from a healthy animal, by the habits and customs of the attendants and the infected fæces?

(*iii*) Whether the human being, especially children, could not contract Tuberculosis, because of the intimate relation of the working classes with cows, bullocks, and buffaloes, and the enormous use made of cowdung, some of which must be infected?

Examination of samples of milk and human sputa.

To ascertain the truth, I undertook during the year under report, the examination of samples of milk and human sputa from milk shops and milch cattle stables in the City, assisted by the late Dr. Ghadially, Municipal Analyst and Bacteriologist, and since by Dr. Joshi, his successor in office.

Method of examination of milk.

The milk was collected from different milk shops by the Deputy Health Officers of the Wards in sterile glass bottles and sent to the Laboratory: 20 c. c. of each sample were centrifuged and the sediment examined; and if acid fast bacilli resembling tubercle bacilli were found, the Health Officer of the Ward was asked to trace the source of milk.

This was not easy, as the milk sold at the retail shop is mixed; only in 6 cases could the infected milk be traced to cows. Milk of these cows was then drawn into sterile glass bottles and again examined and a positive result obtained in all the six cows.

The Tuberculin Test.

All the six cows were treated with Tuberculin, four of them reacted 2·5 and two only ·7.

Milk of these 4 cows was injected subcutaneously into guinea-pigs with no result.

In all 217 samples of milk were examined, of which 9 were repetitions; thus out of 208 examined, an acid fast bacilli was found in 30 or 14·4 per cent.; of these 9 were traced to cows and tested with Tuberculin and 6 reacted.

A *post-mortem* examination could not be made. Much difficulty is experienced in getting permission even for testing with Tuberculin.

In all 105 cows and buffaloes were tested with Tuberculin:—

34 at Bandra Slaughter House; none reacted.

5 buffaloes and 31 cows at Panjrapole; 2 cows reacted.

26 cows privately; 3 reacted; no *post-mortem*.

9 buffaloes privately; no reaction.

The fæces of the two cows reacting to Tuberculin were examined and found to contain an acid fast bacilli of the same type as in milk.

On *post mortem* examination of these cows no tubercle bacilli could be found in any of the organs, but cystic degeneration and cysts were plentiful.

To find Tuberculin bacilli in milk, unless the animal is suffering from acute Tuberculosis of the udder, is difficult and requires care; other acid fast bacilli may be present, and to differentiate, the infected milk must be inoculated with a guinea-pig. This, however, is not always decisive as milk may contain very few bacilli and then no reaction takes place.

This process was followed on nine occasions with no result. The Tuberculin test when followed by a high and maintained rise of temperature is considered sufficient evidence of tubercle in cattle, which can be verified by a *post-mortem* examination. Unfortunately this could only be carried out on two occasions with a negative result.

The other 3 cows reacting to Tuberculin are alive and have calved since; on re-inoculating them three months later no reaction occurred.

In 30 cows selected at Bandra, as looking suspicious of Tuberculosis, I found tubercle bacilli only in the organs of one brought for slaughter at Bandra Slaughter House. The acid fast bacillus found in the milk was not tubercle.

Examination of human sputa.

Samples of human sputa collected from bathing places, washing places for cows and buffaloes and from milk-shops and the streets were examined for tubercle bacilli.

Out of 271 such samples examined, 33 or 12 per cent. contained tubercle bacilli; my object in examining the sputa was to ascertain, if possible, whether the milk could be infected in that way.

Milch cattle, stables and attendant evils.

Any one with any experience of milch cattle stables, dairies and milk shops in India and the habits and customs of the *gowlies*, their methods of milking, and of washing themselves and their milk vessels can easily appreciate that milk could be infected in this way, and that possibly the samples examined may have become infected by human agency and not bovine. The results of the Tuberculin test and *post-mortem* examination of the cows tested, however, showed that this could not be the only source of infection. The results of the Royal Commission moreover prove clearly that the fæces of the Tuberculous cow are loaded with tuberculous bacilli, and a visit to a milch cattle stable in Bombay will readily show how this may be a possible means of infecting milk.

Facilities for transmission of Tubercle bacilli.

The milk vessels are cleaned with cow-dung and dirt, the buffaloes and cows wallow in their excrement, and the buffaloes are washed at the same place and well as the milk vessels are cleaned at, and with the same water.

This, then, I suggest, is a common way of infecting milk and peculiar to India; because in England and Europe the value of the cleanliness of the cow and the utensil is much more

appreciated, and the regulations concerning the milk supply are much more strict; and although the buffalo is washed regularly in some stables in India, its surroundings and the habits of its attendants are much more insanitary.

Again, the traffic in cowdung is enormous. Cowdung mixed with urine and mud is used for plastering walls and floors and roofs of houses; it is stored in the house.

Even in large cities the cow and bullock are inmates of the dwelling house, and all the cooking pots and vessels used are scoured with cowdung and dirt from the street.

The facilities then for the transmission of the tubercle bacilli from animal to man are greater in India, because of the intimate connection between them.

Fortunately, the climate has some influence on the life of the bacilli, and the exposure to the heat of the sun checks the growth; but the dust of streets where there is so much of bullock traffic must contain a large number of tubercle bacilli, while flies and dust must convey the infection to the food and milk.

Bombay Milch Cattle.

In Bombay City there are 1,985 cows, 17,328 she-buffaloes and 22,817 bullocks.

Part played by the crow.

Again, it is a very common sight to see crows eating sputum in the streets or stables; to see crows, after picking up sputum, fly to a milk or water vessel and dip in their beaks or pick the meat and fish in the market, or from the open basket on the head of a coolly, or drink milk out of milk vessels in the stables or open cans in the streets or shops.

Results of Investigation in Bombay.

The results of my investigation are (*i*) that cattle in Bombay, and presumably other parts of India, do suffer from Tuberculosis to a slight extent; (*ii*) that it is possible for milk to be infected by human agency owing to the habits and customs of the attendants and the method of distributing milk; (*iii*) that a possible source of infection is the fæces of infected cattle, due to the intimate connection between the labouring class and the cattle and the enormous use made of cowdung in the houses and surroundings.

It is not meant to suggest that Tuberculosis in India is caused only by infected milk or food; but that it is one cause which has hitherto not been investigated. Nor is it maintained that the experiments carried out cover the whole ground or are complete or free from the possibility of error, but with the pressure of other work in a very large and busy Department, complete research cannot be undertaken; they are however sufficient to warrant further inquiry and more stringent regulations regarding the milk and food supplies in India.

The figures given show that the mortality from Tuberculosis is higher in India than in England; the milk and sputa examined show that there is risk of disseminating the Tubercle bacillus, while the presence of this bacillus in the fæces of infected animals is a greater danger in India than in other countries. The argument that all milk is boiled before being used is applicable to any milk-borne disease; but the majority of people would prefer to know that the milk comes from healthy animals and is pure.

Sanitation and education in sanitation and the application of sanitary laws and regulations, sanitary surroundings and the removal of the *cause* of the disease apply in Tuberculosis as in Malaria and Plague and all other communicable diseases. Every preventive measure should be availed of and all milk should be boiled.

Practical Precautions & Measures.

To thoroughly undertake the work of controlling and exterminating Tuberculosis in a community, much time, trouble and energy is required with a perfect organization and thorough control and suitable bye-laws and regulations. A perfect routine system will have to be followed, beginning with compulsory notification of every case by the medical men in charge or by direct inquiry by a special qualified Medical Staff, male and female, also by Health Visitors and Nurses.

On receipt of a notification or information of a case or a certificate of death from Phthisis, or as the result of examination of sputum sent to the Laboratory, the Sanitary Officer should visit the house, making inquiries into the duration of the case and its surroundings. Instructions should be given, printed and oral, and the case, if possible, removed to the Hospital for consumptives. He should then proceed to disinfect the room and bedding. The Esmarch process of rubbing the walls, ceiling and floors with dough to collect the infected dust might be adopted in suitable houses, as it would not be practicable in all Indian dwellings: the dough should afterwards be burnt; on no account should the room be swept with a brush or duster as the infected material may be dispersed in the air and inhaled by the operatives.

Formalin spray or 2 per cent. solution of Chloride of Lime or Izal 1-30 may be used for washing the floor, walls and ceilings. The furniture should be washed with a damp cloth soaked in Izal. The linen and bedding should be passed through a steam sterilizer. A room occupied by a Phthisical patient should be thus treated every six months.

Regular forms should be kept and a register made of all cases visited and of action taken.

Improvements in dwellings, town-planning and ventilation of houses and areas should be enforced—thus raising the social and domestic condition of the poor.

Hospital accommodation, Sanatoria and Consumption Dispensaries should be provided by the Municipality, the State or charitable persons and privately.

Inspection of meat and milk dairies, cowsheds, slaughter houses, and of the overcrowding of workshops and factories should be systematically carried out.

All milch cattle should be tested with Tuberculin and such as react to the test should be removed; legislation should be adopted for compensation and slaughter of infected animals. All infected animals should be cast and destroyed. Notification of births within twenty-four hours should be made compulsory.

Complete control of the Milk-supply by the State is necessary; ensuring the removal of dairies from the centres of large towns and cities; cleanliness in the collection of milk and the transmission of it from the dairy to the consumer.

Medical inspection of school children and school premises, factories, workshops and infected houses by medical men and Health Visitors to ensure sufficient sanitary arrangements.

Advanced cases should be segregated in Hospitals. Notices as to spitting should be widely circulated in all public places, workshops, factories, common lodging houses, vehicles, railways, tramcars; it is controlled in Europe and America and should be controlled in Bombay.

Measures carried out in Bombay.

This Department was engaged during the year in suggesting amendments in the byelaws relating to Milch Cattle and Bullock Stables and these are now awaiting confirmation of the Corporation and Government. Then a more rigorous enforcement by the Magistrate will be expected.

Leaflets in English and Vernaculars have been freely circulated and lectures and notices against spitting issued to all schools and public places.

Cases of Phthisis are notified to the Health Officer and the houses are disinfected and limewashed; 2,085 cases were notified and 2,365 houses disinfected on account of the disease in 1910.

Unwholesome food seized & destroyed.

The catalogue of unwholesome food seized and destroyed under Sections 415 and 416 of the Municipal Act by the staff of this Department in the different Wards of the City during 1910 is as under :—

A Ward. 37 mangoes.

B Ward. 129 lbs. of meat, 4 bags of dried fish, 4,274 mangoes and 312 other fruit; 48 tins of ghee, 8 lbs. of cheese, 1 bag of rice, 17 bags of potatoes and onions, 1 bag each of chillies, dhál and garlic.

C Ward. 1,171 mangoes and 25 water melons and 40 other fruit.

D Ward. 158 mangoes.

E Ward. 1,298 mangoes, 325 plantains, 25 lbs. of grapes, 634 water melons, 275 other fruit and 2 bags of dates.

F Ward. 258 mangoes, 70 plantains and 144 other fruit.

G Ward. 23½ lbs. of meat, 560 of fish, 887 mangoes, 343 plantains, 6 water melons and 334 other fruit; 19 lbs. of parched grain, 107 lbs. of flour, 226 lbs. and 1 basket of onions and potatoes, 58 lbs. of vegetables, 54 lbs. of ground nuts, 79 lbs. of sweets and 16 seers of milk and curds.

Resting arrangements for sick and weak bullocks of the Department.

This Department has leased about 500 acres of land at Borivli from the beginning of October 1909; here are sent our weak bullocks requiring rest for a month or so and those suffering from sore neck, thus reducing overcrowding in our Bullock Hospital. Generally from 60 to 80 pairs of bullocks are kept here at a time. They are given daily six pounds of gram per pair instead of ten pounds, so that four pounds of gram per pair is saved. The amount of grass to be given during monsoon months and as long as grass is available after monsoon is reduced in proportion to the grass found there. Thus the rent paid for the land is more than counterbalanced by the saving that accrues as indicated.

Moreover, the change of air and exercise away from the crowded Bullock Hospital have a beneficial effect on the bullocks and tend to expedite the healing of wounds. The efforts hitherto made to lease such land nearer home have not succeeded.

Re-arrangement of the Night Branch.

Towards the close of 1909 was re-arranged the work of the Night Branch : the work of removing the night-soil and cesspool water from mills and depôts in E, F and G Wards ; and the staff in connection therewith was distributed between these Wards, so that the supervision of the work already exercised by the staff was supplemented by that of the Ward Inspectors. In making the recommendation to the Commissioner it was pointed out :—

F and G Wards are growing fast and many new buildings are being erected which are not connected with the sewers. Dadar Stables are hardly large enough to hold both F and G Ward staff and bullocks and carts. By distribution of the Night Branch staff the new stable at Arthur Road can be utilized for G Ward staff and all the bullocks and carts can be shifted to this new stable ; this arrangement will dispense with the necessity of having a new stable for G Ward and will save an expenditure of nearly a lakh. There will besides be a slight reduction in annual expenditure with better supervision and decrease in clerical labour and office routine.

A few days later I was able to report the following reduction in expenditure in consequence of the above recommendations having been brought into force.

	No. reduced.	Monthly Cost saved.
Ordinary cart drivers each at Rs. 12 p. m.	27	Rs. 324
Special cart drivers „ „ „ 12 „	19	„ 228
Special Hainlcores „ „ „ 11½ „	20	„ 230
Total annual expenditure saved...		Rs. 782 × 12 = Rs. 9,384.

Tanneries at Dharavi & Sion.

My report on the nuisance caused by the tanneries at Dharavi and Sion was to the following effect (No. 20243 of 16th September 1910) :—

The nuisance caused by the tanneries at Dharavi and Sion has been the subject of much correspondence during the past ten years. It was suggested by me that no licenses should be given for the working of the tanneries until the owners were made to provide efficient means of draining them into the sea (*vide* the report of the Divisional Health Officer No. 4 Division under this office No. 21727 of 14th March 1901).

A scheme for the drainage of the village of Dharavi was also framed by Mr. James, the then Special Drainage Engineer (*vide* his letter No. S. D. 504 of 3rd May 1901). This scheme along with the opinion given on it by Messrs. John Taylor Sons and Santo Crimp was sent for consideration to a Committee of the Corporation and the latter body only very recently passed a Resolution merely recording the report (Corporation Resolution No. 5571 of 20th December 1909).

The whole of the foreshore on the north side of Dharavi Village is very much fouled by the tannery sewage being discharged considerably above low water-mark. But I doubt whether we can call upon the owners of tanneries at this period to purify their own sewage, as the licenses have been renewed from year to year. This cannot be enforced under any of the Sections of the Municipal Act, unless it be made one of the conditions of the license.

Under Section 223 of the Act the Commissioner can enforce the provision of cesspits in premises where no Municipal drains exist. I do not think we can ask the owners to provide their own precipitating tanks or treat their sewage chemically before it is discharged into the sea.

The question is of importance and should be considered along with any new proposal for the disposal of the sewage of the City and Island.

Proposed Pasteur Institute in Bombay.

In June, Government, in the General Department, addressed a letter to the Municipal Commissioner (No. 2815 of 15th June 1910) on the question of establishing a branch of the Pasteur Institute in Bombay.

My opinion having been asked in the matter by the Commissioner, it was expressed to the following effect (No. 12166 of 6th July 1910) :—

The Directors of the Pasteur Institute at Coonoor and Kasauli have furnished me with the number of patients from this City treated at each of the Institutions and the average cost per patient.

	1907-08.	*1908-09.*	*1909-10.*
Coonoor.	2	3	7
	1907	*1908*	*1909*
Kasauli.	37	22	11

The average cost per patient is Rs. 57 at Coonoor; while that at Kasauli, the Director says he is not in a position to give.

From those figures, it appears that 27 cases from the City proper are treated annually at these places: these are cases which were able and willing to leave their home to go to a distant place for treatment.

During the five years 1905-1909 the mortality from Hydrophobia in the City has been as under:—

1905.	*1906.*	*1907.*	*1908.*	*1909.*
11	11	8	7	5

The average number of cases for the City may therefore be taken at 35 to 40 per annum.

The above figures relating to deaths from Hydrophobia show that ever since facilities have been offered at Coonoor and Kasauli, the number of deaths from this cause in the City have been decreasing year by year. It is of the utmost importance in all cases of Hydrophobia that treatment should be commenced with the least practicable delay: the sooner the treatment is begun, the greater the chances of recovery.

A Pasteur Institute in Bombay will be of immense advantage not only to the City but to the whole Presidency.

A fortnight later I drew attention to the increasing dog-nuisance in Bombay—in my letter No. 15309 of 1st August 1910, which said:—

Lieut-Col. Bannerman of the Parel Laboratory informs me that the results obtained by him at the Laboratory from the examination of the brains of dogs sent to him show a considerable increase in the number of rabid dogs in Bombay.

He says:—"Last year 20 dogs' brains were examined, 8 of which were positive (that is, rabic) and 12 negative. This year up to 14th July 35 Dogs' brains have been examined, of which 22 were positive and 13 negative."

From this it would appear that there are a considerable number of rabid dogs wandering about in the City. This is a matter for serious consideration, and I would advise that some very stringent precautions should be taken to protect the public.

Dogs of all sorts can be seen in large numbers, apparently ownerless or under no control, especially in A ward. I would strongly advise that all dogs should be licensed and muzzled, unless led by a dog-boy, and that all dogs not under control should be seized and taken to a Dogs Home, and unless claimed within twenty-four hours should be destroyed: as in addition to the danger from rabies many of the dogs suffer from other filthy diseases and are a nuisance to the City. This is an urgent matter and should receive immediate consideration.

It may be mentioned that the matter is under the consideration of a Committee of the Corporation.

Isolation and Infectious Diseases Hospital for Europeans.

On the proposal of Government to establish an Isolation and Infectious Diseases Hospital for Europeans in Bombay, my reports to the Commissioner were to the following effect:—

This question of Hospital accommodation for Europeans keeps cropping up every two or three years and is a very important one. I have frequently pointed out the necessity for such accommodation.

The present proposal is to erect a Hospital for various kinds of Infectious Diseases—Small-pox, Plague, Measles, &c., in blocks and wards, with separate administration block, Nurses' quarters, and Servants' quarters, permanent and temporary.

The site selected is bounded on the south by the Arthur Road Hospital for Infectious Diseases; on the east by Sheep Market, Bigaries' Chawls and DeLisle Road, land occupied by Bullock Stables, Milch Cattle Stables and open tank; on the north by G Ward Stables and Night-soil Depôt and open drain separated by Arthur Road; on the west by the drying ground of the Dhobi-ghât and open tank.

The majority of the cases treated in the Arthur Road Hospital are Small-pox; as many as 400 have been treated at one time and it has always been our intention to maintain this Hospital as a Small-pox Hospital.

But the difficulties surrounding the Hospital problem in Bombay have hitherto prevented us from doing this, and cases of Relapsing Fever, Erysipelas, Cholera, Chicken-pox and Measles are treated there; but during a severe epidemic of Small-pox, the latter diseases are treated in the vacant wards at Maratha Hospital. Small-pox should be treated in a separate Hospital with separate staff, and it is not desirable that European patients suffering from diseases other than Small-pox should be in proximity to a Small-pox Hospital.

A part of the land at Arthur Road, if raised and drained, might however be used for erecting wards for 20 cases of Small-pox, with suitable administration block, Nurses' quarters and Servants' quarters, walled all round and with separate entrance for patients.

Similarly, for plague cases amongst Europeans, one of the wards of the Maratha Hospital could be altered to suit European patients with separate Nurses' quarters, etc. Plague cases are all treated at Maratha Hospital.

The European and Eurasian population of Bombay is roughly 20,000; the native population about 10,00,000. At present there is one case of Small-pox, one of Relapsing Fever and six of Whooping Cough and two of Measles in the Arthur Road Hospital.

The number of beds required for Infectious Diseases in large cities in England is two per 1,000 of the population: this includes Scarlet Fever and Diphtheria, sometimes Measles, which make up 90 per cent. of the cases treated.

In Bombay we have no Scarlet Fever and Diphtheria; and Small-pox, Plague and Measles treated in a European Hospital in ordinary times put together will not be equal to the Scarlet Fever and Diphtheria in a city in England with half the population.

Work done by the Department: Appreciation.

In dealing with this question a certain amount of consideration must be given to the feelings of the European population. To control Small-pox, vaccination and isolation are the two safeguards; if the first is neglected, a person contracts Small-pox and is induced to go to Hospital; this Hospital should be properly constructed and equipped with as pleasant surroundings as possible and under proper management and skilled attendance.

I have pleasure to put on record the willing co-operation and help received from the Assistants, Deputy Health Officers, and the District Registrars, as well as the Inspectorial Staff, to which is due in no small measure the continued improvement in the general health of the City.

There is still room for improvement in the supervision of the labour staff: this is due partly to the insufficiency of the higher paid Inspectors and specially of the Mukadums and Sub-Inspectors, as, while the City has considerably developed and extended, the supervising staff has been reduced. The scavengering cooly and the bulalkhore require a great deal of supervision and unless the Officers in charge of Wards are constantly on the alert and keen in improving the sanitation of their district, the labour staff will scamp their work. More Inspectors of the higher grade are required.

The ten Municipal Dispensaries did very valuable work as can be seen from the number of patients treated, which has been steadily and very largely increasing from year to year.

The important work being done by the Visiting Nurses and Midwives has been of distinct service to the female and infant population of the City.

The increasingly interesting and valuable work done in the Municipal Laboratory deserves special mention.

The clerical staff of the Head Office, General Branch, including Plague Branch, did their work to my entire satisfaction; while the clerical staff of the Registration Branch of the Head Office have performed their onerous and increasing duties and met the many demands made upon them especially well.

PUBLIC HEALTH DEPARTMENT,
BOMBAY, 13*th March* 1911.

J. A. TURNER, M.B., D.P.H.,
Executive Health Officer.

Report of the Analytical and Bacteriological work done in 1910.

I have the honor to submit the following report of work done in the Municipal Laboratory during the year 1910 :—

The late Dr. B. P. Ghadiali, who joined this Laboratory on 17th January 1905, held the charge until his death, which took place on the 24th of April last. Pending the appointment of a successor, the work in the Laboratory had to be stopped until the 19th of May last when Messrs. Lindley and Weigholl were appointed acting Municipal Analysts for the months of May and June 1910. Mr. Arthur Weigholl, who represented the firm, held charge of the work until 1st of July 1910.

Mr. Weigholl, however, having decided to give up the work, pending permanent arrangements, the work had again to be stopped till the 11th July 1910, the day on which I took over charge of the Laboratory.

GENERAL.

4,502 articles were examined during the year as compared to 5,089, 3,754 and 3,019 in 1909, 1908, 1907, respectively: the slight decrease in the work under report is due to the temporary stoppage of work, as detailed above; out of the 4,502 under report, 1,395 were examined chemically and 3,107 bacteriologically. This includes the examination of Bombay Water Supply, of which 1,276 samples were examined—244 chemically and 1,032 bacteriologically.

16 Samples of ghee were examined, of which only 12 were found to be genuine.

1,155 capillary tubes of vaccine were examined bacteriologically as to their sterility before being used by the Vaccination Department: supply of sterile water and agar to the Vaccination Department was continued.

Out of the 46 specimens of blood received for Malarial parasites, Malarial parasites were detected only in 19.

295 Samples of well waters were examined chemically as to their suitability for drinking purposes and only two were found to be fit, 11 suspicious and the rest unfit for potable purposes.

1,097 samples of waters were examined for microbes and in none of them pathogenic microbes were detected: 172 samples were examined for B coli which was detected in all of them. Only 8 samples of waters were examined for the identification of mosquito larvæ as to their species.

5,436 tins of Laboratory Rat Poison were prepared during the year which with the balance of 1,145 tins of Rat Poison in hand on 1st January 1910 made a total of 6,581: out of these, 6,027 tins were issued, leaving a balance of 554 on 1st January 1911.

SPECIAL.

The chemical analysis of milk was given up from about the middle of February 1910 as it has been clearly established that about 80 per cent.—86 per cent. of milk samples sold in Bombay are diluted with water.

A special bacteriological investigation was undertaken with regard to the presence of tubercle bacilli in milk: 254 samples of milk were examined for the presence of tubercle bacilli and "Acid-fast" bacilli were detected in 39 only, giving a percentage of 15·5. Side by side with this, about 419 road side samples of sputum were examined for tubercle bacilli which were detected in 48 only, giving a percentage of 11·4. It is too early, however, to draw any definite conclusions from these figures.

Experiments were carried on to investigate into the *post-mortem* appearances of rats dead from plague and differentiate them from rats dead of phosphorus poisoning (Laboratory Rat Poison) and other causes as follows :—

Series I.—Twelve rats found dead in different localities were sent to the Laboratory on different dates and were systematically examined for B. Pestis and phosphorus poisoning. The gross appearances of the viscera and lymphatic glands were noted : smears and cultures were made, and sections were cut, stained and examined microscopically.

Series II.—A number of living healthy rats were administered the Laboratory Rat Poison, and their *post-mortem* appearances, &c., were noted. They were also submitted to a similar microscopic examination as in Series I and the results noted.

Rats in Series I which did not show infection with B. Pestis were rejected : only those infected with B. Pestis were subjected to a further examination.

Finally, the results from experiments with both the series of rats were compared and a report was submitted to you.

Experiments to find out the minimum dose of Rat Poison (Laboratory) and the simplest way of administering the same were made with the result that one "parched grain" of Indian corn coated with a few drops of Rat Poison, when eaten by the rat, kills it in from six to twelve hours.

An Office standard of coloured fat has been approved of, and is retained in this Laboratory. The fat from skinning ground at Chembur is sent to this Office by the Deputy Health Officer, F Ward, before the fat is removed, to compare with the colour of the Office standard of fat, so that it may not be used in the preparation of articles used for eating purposes.

Samples of dirty rags and road scrapings were received for the examination of pathogenic organisms : in the case of dirty rags many ordinary pathogenic organisms such as staphylococcus, &c., were detected in them and in the case of road scrapings, only tubercle bacilli were detected.

I have the honor to be,
Sir,
Your most obedient servant,
LEMUEL L. JOSHI, M.D., B. Sc., D.T.M.,
Municipal Analyst.

MUNICIPAL LABORATORY,
17*th March* 1911.

STATEMENT SHOWING THE NUMBER OF WATER SAMPLES EXAMINED BACTERIOLOGICALLY FOR NUMBER OF MICROBES PER CC, PATHOGENIC MICROBES, AND FOR THE IDENTIFICATION OF MOSQUITO LARVÆ DURING THE YEAR 1910.

Received from	Tested for							
	Number of Microbes per cc.	Cholera.	Enteric.	Gärtnërs.	B. Coli.	B Enteritidis Sporogenisis.	Mosquito Larvæ.	Total.
Deputy Executive Engineer, Water Works	170	170	170	170	170	170	.....	1,020
Deputy Health Officer, A Ward	.....	2	.....	.....	.....	.....	.....	2
Do. B „	.....	10	1	.....	.....	.....	.....	11
Do. C „	.....	1	3	.....	.....	.....	.....	4
Do. D „	.....	.....	1	.....	.....	.....	4	5
Do. E „	.....	13	.....	.....	.....	.....	.....	13
Do. F „	.....	5	.....	.....	.....	.....	.....	5
Do. G „	.....	13	16	.....	.....	.....	.....	29
Executive Health Officer	2	2	2	2	2	2	3	15
Private Individuals	.....	.....	.....	.....	.....	.....	1	1
Total	172	216	193	172	172	172	8	1,105

STATEMENT SHOWING THE NUMBER OF WATER SAMPLES EXAMINED BACTERIOLOGICALLY AND THAT IN WHICH PATHOGENIC MICROBES WERE DETECTED DURING THE YEAR 1910.

Cholera.		Enteric.		Gärtnërs.		B. Coli.		B. Enteritidis Sporogenisis.	
Samples Examined for	Samples in which detected.	Samples Examined for	Samples in which detected.	Samples Examined for	Samples in which detected.	Samples Examined for	Samples in which detected.	Samples Examined for	Samples in which detected.
216	*Nil*	193	*Nil*	172	*Nil*	172	172	172	*Nil*

STATEMENT SHOWING THE NUMBER OF ARTICLES OTHER THAN WATERS EXAMINED BACTERIOLOGICALLY IN THE MUNICIPAL LABORATORY DURING THE YEAR 1910.

Received from	Sputum for Tubercle.	Blood for Malaria.	Glycerine Vaccine.	Blood for Malta Fever.	Blood for Septic Hæmorrhagica.	Guineapigs for Fleas.	Milk for Tubercle.	Milk for Enteric.	Pus for Gonorrhœa.	Izal fluid.	Izal Powder.	Urine for Gonorrhœa.	Sodawater for Cholera.	Urine for Tubercle.	Smallpox Scrapings.	Raspberry for Microbes per C. C.	Raspberry for Cholera.	Raspberry for Enteric.	Raspberry for Gärtners.	Raspberry for B. Coli.	Raspberry for Enteritidis Sporogenisis.	Dates for Worms.	Worms.	Cloth for Pathogenic Organisms.	Milk for Cholera.	Cream for Tubercle.	Sputum for Pus Cells.	Sputum for Lung Tissue.	Cowdung for Tubercle.	Road Scrapings.	Stools for Cholera.	Cream for Cholera.	Total.
Private Individuals	48	4	...	1	...	...	...	...	5	...	...	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	70
Executive Health Officer	...	...	...	...	...	6	10	...	...	4	3	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	3	...	...	..	29
Superintendent of Vaccination	...	...	1155	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1155
Deputy Health Officer, A Ward	49	3	...	...	...	...	22	4	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	79
Do. B ,, ...	27	4	...	...	...	...	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	58
Do. C ,, ...	86	11	...	...	...	...	41	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	142
Do. D ,, ...	62	...	...	...	...	...	31	1	...	...	...	...	...	...	...	1	1	1	1	1	1	...	...	...	...	...	...	...	2	...	...	...	102
Do. E ,, ...	84	...	...	...	...	...	41	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1	...	...	...	1	...	1	132
Do. F ,, ...	57	24	..	...	...	...	51	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	142
Do. G ,, ...	54	...	...	...	...	...	34	7	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96
Medical Officer, Arthur Road Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Veterinary Inspector	..	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	1
Total ...	467	46	1155	1	1	6	251	14	5	4	3	5	1	5	1	1	1	1	1	1	1	10	1	3	5	1	1	1	5	1	2	1	2002

STATEMENT SHOWING THE NUMBER OF ARTICLES EXAMINED CHEMICALLY DURING THE YEAR 1910.

Received from	Milk.	Cream.	Ghee.	Oil.	Tea.	Coffee.	Honey.	Well water.	Tank water.	Fountain water.	Water.	Bombay waters.	Sewage.	Soda-water.	Urine.	Flour.	Soap.	Bread.	Colour.	Storage tank water.	Liquor.	Vinegar.	Butter.	Kerosine Oil.	Fat.	Tomato Preserve.	Total.
Executive Health Officer	...	...	...	...	3	...	...	...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	1	6
Deputy Health Officer, A Ward	10	...	3	4	...	...	...	60	...	...	...	...	...	...	...	28	...	...	...	...	...	...	...	...	...	...	108
Do. B „	14	...	...	...	...	1	...	109	1	...	...	...	...	...	...	25	...	...	...	...	...	...	...	...	...	...	150
Do. C „	10	3	2	...	...	...	...	44	1	...	...	...	...	...	...	17	...	1	...	...	...	...	...	...	...	...	78
Do. D „	9	...	4	4	3	...	1	13	2	...	...	...	...	...	...	9	2	3	...	...	2	...	1	...	...	...	50
Do. E „	...	...	2	1	5	...	...	57	...	1	...	...	...	3	...	2	1	1	1	...	2	2	2	...	...	...	78
Do. F „	12	...	2	4	6	5	...	1	...	...	...	...	...	...	...	13	1	2	...	...	...	2	1	...	9	...	57
Do. G „	10	...	3	4	...	5	...	9	...	...	...	...	...	2	...	12	1	2	...	...	...	2	...	...	...	...	56
Executive Engineer	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Municipal Storekeeper	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
License Superintendent	...	...	...	4	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Medical Officer, Maratha Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	1	...	...	1
Deputy Executive Engineer, Waterworks	...	...	...	...	...	...	...	...	...	...	...	243	...	...	...	...	...	...	...	1	...	...	...	...	...	...	243
Private Individuals	...	...	...	...	...	...	...	2	...	...	1	...	...	...	547	...	...	...	...	..	...	...	...	...	...	...	550
Total ...	65	3	16	35	17	11	1	295	4	1	1	244	3	5	547	106	5	9	1	1	4	6	4	1	9	1	1,395

STATEMENT SHOWING THE NUMBER OF GHEE SAMPLES EXAMINED CHEMICALLY DURING THE YEAR 1910.

Received from	Genuine.	Not genuine.	Suspicious.	Total.
Deputy Health Officer, A Ward	2	1	.....	3
Do. C „	2	.....	.....	2
Do. D „	3	1	.....	4
Do. E „	1	1	.....	2
Do. F „	2	.....	.....	2
Do. G „	2	1	.....	3
Total ...	12	4	.....	16

STATEMENT SHOWING THE NUMBER OF MILK SAMPLES EXAMINED CHEMICALLY DURING THE YEAR 1910.

Received from	Genuine.	Watered.	Suspicious.	Skim Milk	Cream added and Watered.	Clotted and unfit.	Total.
Deputy Health Officer, A Ward.	2	8	...	...	...	...	10
Do. B „	4	10	...	...	...	...	14
Do. C „	4	6	...	...	...	...	10
Do. D „	4	5	...	...	...	...	9
Do. F „	1	11	...	...	...	...	12
Do. G „	2	8	...	...	...	...	10
Total ...	17	48	...	...	...	...	65

STATEMENT SHOWING THE NUMBER OF WELL WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910.

Serial No.	Received from	Situated at	Fit or unfit for Potable purposes.
1	Deputy Health Officer, B Ward	41—43, Dontad Cross Lane	Unfit.
2	Do. do. B do.	168, D'Souza Street	
3	Do. do. B do.	17—19, Kazi Sayad Street	
4	Do. do. E do.	906—908, Parel Road	
5	Do. do. E do.	69F, Victoria Road	
6	Do. do. B do.	126—128, Cazi Sayad Street	
7	Do. do. B do.	165, D'Souza Street	
8	Do. do. B do.	13, Champawadi	
9	Do. do. B do.	69, Champawadi	
10	Do. do. B do.	337—339, Kalbadevi Road	
11	Do. do. E do.	53A, Sleater Road	
12	Do. do. E do.	South-East corner of No. 38, Mount Road	Fit.
13	Do. do. E do.	North-West corner of No. 55, Tardeo Road	
14	Do. do. C do.	44, Girgaum Road	
15	Do do. D do.	18, Khetwadi, 5th Lane	
16	Do. do. B do.	31, Narayan Dhuru Street	
17	Mr. D. B. Range	(Locality not given)	
18	Deputy Health Officer, E Ward	65, Tardeo Road	
19	Do. do. A do.	141—139, Hornby Road	
20	Do. do. A do.	97, Do.	
21	Do. do. A do.	21—23, Do.	Unfit.
22	Do. do. A do.	87, Do.	
23	Do. do. C do.	Common to houses Nos. 15—17 and 19—21, Trinity Street	
24	Do. do. D do.	36, Khetwadi 2nd Lane	
25	Do. do. D do.	94, Khetwadi, Back Road	
26	Do. do. D do.	96, Do.	
27	Do. do. D do.	102B, Do.	
28	Do. do. A do.	57, Cawasji Patel Street	
29	Do. do. A do.	116—118, Do.	
30	Do. do. A do.	114, Do.	Suspicious.
31	Do. do. A do.	97, Do.	
32	Do. do. E do.	41, Foras Road	Unfit.
33	Do. do. C do.	Common to houses Nos. 11 and 12, 2nd Popalwadi.	
34	Do. do. D do.	16—18A, Khetwadi 12th Lane	
35	Do. do. D do.	45—49, Do. 7th Lane	
36	Do. do. D do.	18, Do. 5th Lane	
37	Do. do. A do.	126—128, Cowasji Patel Street	
38	Do. do. A do.	122—124, Do.	
39	Do. do. A do.	110, Do.	
40	Do. do. A do.	106—108, Do.	
41	Do. do. D do.	27—29, Khetwadi 7th Lane	

STATEMENT SHOWING THE NUMBER OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*contd.*

Serial No.	Received from	Situated at	Fit or unfit for Potable purposes.
42	Deputy Health Officer, F Ward ...	18, Elphinstone Road	
43	Do. do. B do. ...	49—51, Dhanji Street	
44	Do. do. B do. ...	63—67, Old Hanuman Lane	
45	Do. do. B do. ...	72—78, Do.	
46	Do. do. B do. ...	82—86, Do.	
47	Do. do. C do. ...	5, Hargowan Desai Wadi	
48	Do. do. B do. ...	68—70, Dhanji Street	
49	Do. do. B do. ...	Corner of Champawadi Cross Galli	
50	Do. do. B do. ...	295, Nagdevi Street	
51	Do. do. B do. ...	398—400, Dhanji Street	
52	Do. do. B do. ...	84—86, Vithalwadi	
53	Do. do. B do. ...	56—60, Old Hanuman Lane	
54	Do. do. B do. ...	157, 159, 161, 165, Parel Road	
55	Do. do. E do. ...	235, Bellasis Road	
56	Do. do. G do. ...	48GG, Dhobiwada	
57	Do. do. B do. ...	44—52, Kazi Sayad Street	
58	Do. do. B do. ...	131—133, Champawadi Cross Galli	Unfit.
59	Do. do. A do. ...	271—273, House well	
60	Do. do. A do. ...	117—119, Mint Road	
61	Do. do. A do. ...	84—90, Bomanji Lane	
62	Do. do. C do. ...	Inside house No. 6, Sonapur 2nd Cross Lane ...	
63	Do. do. B do. ...	Improvement Trust Chawl, Imamwada	
64	Do. do. E do. ...	65, Tardeo Road	
65	Do. do. G do. ...	352, Lady Jamshedji Road...	
66	Do. do. B do. ...	31, Narayan Dhuru Street	
67	Do. do. G do. ...	130, Mahim Custom Road and 134, Mahim Road.	
68	Do. do. B do. ...	31—35, Ismji Street	
69	Do. do. B do. ...	27—37, Narayan Dhuru Street	
70	Do. do. B do. ...	30—32, Dhanji Street	
71	Do. do. B do. ...	50, Do.	
72	Do. do. B do. ...	349—353, Shaik Memon Street	
73	Do. do. G do. ...	203, DeLisle Road	
74	Do. do. E do. ...	5, Gunpowder Road	
75	Do. do. E do. ...	9—11, Arthur Road...	
76	Do. do. D do. ...	82, Chowpati Road	Suspicious.
77	Do. do. A do. ...	292, Bora Bazar Street	
78	Do, do. E do. ...	26—28, Ripon Road...	
79	Do. do. E do. ...	West of 26—27, Ripon Road	Unfit.
80	Do. do. E do. ...	Masonry built well, Ripon Road	
81	Do. do. C do. ...	10, Public passage off Sonapur Street	
82	Do. do. B do. ...	30—32, Champawadi	

STATEMENT SHOWING THE NUMBER OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*contd.*

Serial No.	Received from	Situated at	Fit or unfit for potable purposes.
83	Deputy Health Officer, G Ward	4, Currey Road	Unfit.
84	Do. do. C do.	234, Girgaum Road	
85	Do. do. A do.	53—55, Ghogha Street	
86	Do. do. A do.	41—43, Do.	
87	Do. do. A do.	58—60, Ghoga Street and 57, Cawasji Patel Street	
88	Do. do. C do.	31, New Wadi	
89	Do. do. B do.	43, Mirza Street	
90	Do. do. B do.	364—394, Shaik Memon Street	Suspicious.
91	Do. do. B do.	55—59, Kazi Sayad Street	Unfit.
92	Do. do. G do.	148, Nakhoda's Cart	
93	Do. do. E do.	1, Shaik Baran Street	
94	Do. do. C do.	122, Girgaum Road	
95	Do. do. B do.	232—234, Nagadevi Street	
96	Do. do. B do.	95—101, Memonwada Street	
97	Do. do. B do.	39—41, Dhanji Street	
98	Do. do. B do.	8—70, Dhanji Street	
99	Do. do. B do.	460—468, Shaik Memon Street	
100	Mr. J. A. Sett	(Locality not given)	Suitable.
101	Deputy Health Officer, C Ward	Inside house No. 16, Anantwadi	Suspicious.
102	Do. do. B do.	56—58, Sutar Chawl	Unfit.
103	Do. do. B do.	332—336, Nagdevi Street	
104	Do. do. B do.	62—64, Dhanji Street	
105	Do. do. C do.	242, Kalbadevi Road	
106	Do. do. C do.	15, Kumbhartukda Street	
107	Do. do. A do.	223—301, Bora Bazar	
108	Do. do. A do.	348—350, do.	Suspicious.
109	Do. do. A do.	386, do.	Unfit.
110	Do. do. A do.	18—22, King's Lane	
111	Do. do. B do.	2—32, Jail Road, North	
112	Do. do. B do.	Umercarry Stable	
113	Do. do. C do.	33-37, 3rd Panjrapole Street	
114	Do. do. E do.	27-29, I Carpenter Street	
115	Do. do. E do.	34-36, Mount Road	
116	Do. do. B do.	32-36, Kazi Sayad Street	
117	Do. do. B do.	38-42, do.	
118	Do. do. B do.	98-104, do.	
119	Do. do. E do.	145A Haines Road	
120	Do. do. B do.	41-47, Old Hanuman Cross I Lane	
121	Do. do. E do.	17, Balaram Street, Badar Bag	
122	Do. do. E do.	26, Babulla Tank Road	
123	Do. do. B do.	5-7, Old Hanuman Cross I Lane	

STATEMENT SHOWING THE NUMBER OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*contd.*

Serial No.	Received from	Situated at	Fit or unfit for potable purposes.
124	Deputy Health Officer, B Ward ...	149-155, Vithalwadi Lane	
125	Do. do. E do. ...	190-192, D'Lisle Road	
126	Do. do. E do. ...	306, Falkland Road	
127	Do. do. B do. ...	18-20, Ovalwadi	
128	Do. do. B do. ...	43-47, Narayan Dhuru Street	
129	Do. do. B do. ...	27, Agiari Cross Lane	
130	Do. do. B do. ...	65-67, Dhanji Street...	
131	Do. do. B do. ...	97, do.	
132	Do. do. B do. ...	74-76, Samuel Street	
133	Do. do. E do. ...	6,-12,-20-24, Gunpowder Road	
134	Do. do. E do. ...	5B, Do	
135	Do. do. B do. ...	49-59, Mumbadevi Road	
136	Do. do. E do. ...	6-8-10, Ghorapdev Parel Road	
137	Do. do. E do. ...	408, Duncan Road	
138	Do. do. E do. ...	434, do.	
139	Do. do. E do. ...	Tank Street, Building under construction ...	
140	Do. do. E do. ...	43-45, D'Lisle Road...	
141	Do. do. A do. ...	260-262, Bora Bazar...	
142	Do. do. A do. ...	199-201, do.	Unfit
143	Do. do. A do. ...	243-258, do.	
144	Do. do. E do. ...	195-197-193, do.	
145	Do. do. E do. ...	401, Duncan Road	
146	Do. do. E do. ...	25, Chikhalwadi	
147	Do. do. B do. ...	375-377, Kalbadevi Road	
148	Do. do. B do. ...	New house next to 38-38, Vithalwadi	
149	Do. do. B do. ...	15-19, Kazi Sayad Street	
150	Do. do. B do. ...	124-130, Old Hanuman Lane	
151	Do. do. E do. ...	26A, Clerk Road	
152	Do. do. E do. ...	South-west side of 655, Tardeo Road	
153	Do. do. B do. ...	16-18, Shamset Street	
154	Do. do. B do. ...	456, Abdul Rehman Street...	
155	Do. do. B do. ...	4, Dhunji Street, 1-3, Agiari Cross Lane Joint well	
156	Do. do. E do. ...	26A, Clerk Road	
157	Do. do. E do. ...	1-21, Annesty Road...	
158	Do. do. E do. ...	486-490, Falkland Road	
159	Do. do. B do. ...	203 207, Pydhoni Road, Kolsa Mohalla, ...	
160	Do. do. B do. ...	24, Bhajipala Street...	
161	Do. do. E do. ...	3a, Sleater Road	
162	Do. do. B do. ...	53-57, Bhajipala Street	Suspicious.
163	Do. do. A do. ...	153, Bora Bazar	Unfit.
164	Do. do. A do. ...	190, do.	

STATEMENT SHOWING THE NUMBER OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*contd.*

Serial No.	Received from.	Situated at.	Fit or unfit for potable purposes.
165	Deputy Health Officer, A do.	141, Bora Bazar	
166	Do. do. A do.	139, do.	
167	Do. do. B do.	Hindu Temple, 24 Tantanpura	
168	Do. do. C do.	93-94, Dadisett Agiari Street	
169	Do. do. C do.	62, do.	
170	Do. do. D do.	2-4 and 6, 1 Parsiwadi	
171	Do. do. C do.	25, Wellington Street	
172	Do. do. B do.	121-125, Vithalwadi	
173	Do. do. B do.	25, Telwadi	Unfit.
174	Do. do. E do.	V, Jew Cemetery, Clare Road	
175	Do. do. C do.	214, Girgaum Road	
176	Do. do. C do.	111, Girgaum Road	
177	Do. do. B do.	39-41, 2nd Agiari Cross Lane	
178	Do. do. E do.	Sleater Road, Agiari under construction	
179	Do. do. E do.	18-20, Love Lane	
180	Do. do. E do.	80-82, D'Lima Street	
181	Do. do. E do.	87, Parel Road	
182	Do. do. E do.	15-19, Love Lane	
183	Do. do. E do.	233-265, Kalachowki Road	
184	Do. do. E do.	766A, Parel Road	
185	Do. do. C do.	245-249, Girgaum Road	Very suspicious.
186	Do. do. C do.	No. 3, Chandanwadi, Wadia's Chawl	
187	Do. do. B do.	78-82, Vithalwadi	
188	Do. do. B do.	273-277, Kalbadevi Road	
189	Do. do. B do.	73-77, Isaji Street	
190	Do. do. A do.	Opposite 73-75, Bamanji Lane	
191	Do. do. E do.	8-10, Arab Lane	
192	Do. do. E do.	70-76, D'Lisle Road	
193	Do. do. C do.	3, Vanka Mohalla	Unfit.
194	Do. do. C do.	9-11, Vanka Mohalla	
195	Do. do. C do.	3, 2nd Sonapur Cross Lane	
196	Do. do. C do.	27, Mahadeo Sankersett's Lane	
197	Do. do. A do.	Common to houses 176-178, Bora Bazar and 78-80, Bamanji Lane	
198	Do. do. A do.	127-129, Bora Bazar	
199	Do. do. A do.	35, Bora Bazar	
200	Do. do. C do.	214, Girgaum Road	
201	Do. do C do.	111, Girgaum Road	Suspicious.
202	Do. do. B do.	229-231, Kalbadevi Road	
203	Do. do. B do.	37-41, Cazi Sayad Street	Unfit.
204	Do. do. B do.	56-58, Masjid Bunder Road	
205	Do. do. E do.	106, Shaik Buran Street	

STATEMENT SHOWING THE NUMBER OF WELL-WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*contd.*

Serial No.	Received from	Situated at	Fit or unfit for potable purposes.
206	Deputy Health Officer, A Ward ...	8, Goa Street	
207	Do. do. A do. ...	Common to houses 93-95, Bora Bazar and 40-42, Bazar Gate	
208	Do. do. A do. ...	123-125, Bora Bazar	
209	Do. do. A do. ...	174, Bora Bazar	
210	Do. do. C do. ...	26, Girgaum Road	
211	Do. do. C do. ...	15, Do.	
212	Do. do. E do. ...	100, Foras Road	
213	Do. do. A do. ...	318, Bazar Gate Street	
214	Do. do. A do. ...	332, Do.	
215	Do. do. A do. ...	312, Do.	
216	Do. do. B do. ...	121-125, Old Hanuman Lane	
217	Do. do. C do. ...	361, Lohar Street, Dhobi Talao	
218	Do. do. C do. ...	Public Well, Girgaum Road Opposite Thakurdwar Post Office	
219	Do. do. B do. ...	63-69, Old Hanuman Lane...	
220	Do. do. B do. ...	145-147, New Do.	
221	Do. do. E do. ...	34-36, Mount Road	Unfit.
222	Do. do. A do. ...	77, Parsee Bazar	
223	Do. do. A do. ...	71-73, Parsee Bazar and 60 62, Homji Street ...	
224	Do. do. A do. ...	51-69, Parsee Bazar	
225	Do. do. A do. ...	79, Parsee Bazar and 64-66, Homji Street ...	
226	Do. do. E do. ...	12, Tank Bunder Road	
227	Do. do. A do. ...	92 94, Parsee Bazar	
228	Do. do. A do. ...	88-90, Do.	
229	Do. do. A do. ...	78, Parsee Bazar	
230	Do. do. A do. ...	30-32, Do.	
231	Do. do. B do. ...	89-91, Vithalwadi	
232	Do. do. B do. ...	21-23, Agiari Cross Lane	
233	Do. do. C do. ...	16, Anantwadi	
234	Do. do. E do. ...	59, Tardeo Road	
235	Do. do. D do. ...	18, 4th Khetwadi Lane	
236	Do. do. B do. ...	East Side of Umercary Municipal Stables ...	
237	Do. do. A do. ...	24-28, Parsee Bazar Street...	
238	Do. do. C do. ...	13, Anantwadi	Suspicious.
239	Do. do. C do. ...	33, Do.	
240	Do. do. A no. ...	78-80, Bhoiwar Lane	
241	Do. do. A do. ...	15, Do.	
242	Do. do. A do. ...	82, Do.	Unfit.
243	Do. do. A do. ...	23, Do.	
244	Do. do. B do. ...	149-155, Vithalwadi	

STATEMENT SHOWING THE NUMBER OF WELL WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*contd.*

Serial No.	Received from	Situated at	Fit or unfit for potable purposes.
245	Deputy Health Officer, B Ward	281-287, Memonvada Road...	
246	Do. do. B do.	233-235, Shaik Memon Street	
247	Do. do. A do.	11 and 9, Bhoiwar Lane	
248	Do. do. A do.	62, Do.	
249	Do. do. A do.	4 and 6, Bhoiwar Lane and 21 and 23, Cawasji Patel Street	
250	Do. do. C do.	Chandanwadi Wadia Chall	
251	Do. do. C do.	106-108, Girgaum Road	
252	Do. do. C do.	112, Do.	
253	Do. do. B do.	41-45, Bhandari Street	
254	Do. do. B do.	3-5, Vithoba Lane	
255	Do. do. D do.	12-14, Khetwadi 12th Lane	
256	Do. do. C do.	134-136, Girgaum Road	
257	Do. do. C do.	135, Do.	
258	Do. do. C do.	123, Do.	Unfit.
259	Do. do. A do.	24, Maruti Street	
260	Do. do. B do.	11, Takwadi	
261	Do. do. B do.	21-23, Agiari Cross Lane	
262	Do. do. B do.	383-387, Kalbadevi Road	
263	Do. do. E do.	214-218, Haines Road	
264	Do. do. A do.	127-129, Bora Bazar	
265	Do. do. C do.	25, New Vadi...	
266	Do. do. C do.	408-410, Lohar Street	
267	Do. do. C do.	18, Kumbhartekda	
268	Do. do. C do.	43, 3rd Marine Line...	
269	Do. do. B do.	80-82, Mirza Street	
270	Do. do. B do.	22-26, Bhaji Pala Street	
271	Do. do. C do.	198, Girgaum Road	
272	Do. do. B do.	56-58, Masjid Bunder Road	
273	Do. do. B do.	446, Abdul Rehman Street	
274	Do. do. E do.	8, Foris Road...	
275	Do. do. B do.	East Side of Umercary Stable	
276	Do. do. B do.	149-151, New Hanuman Lane	
277	Do. do. B do.	85-87, Dhanji Street...	
278	Do. do. B do.	16, Dhanji Street, 11 and 13, 2nd Agiari Cross Lane	Suspicious.
279	Do. do. B do.	74, Dhanji Street	
280	Do. do. E do.	South Corner, No. 12, Victoria Road	
281	Do. do. B do.	104, Narayan Dhurn Street	Unfit.
282	Do. do. B do.	96-102, Do.	
283	Do. do. E do.	North of No. 12, Victoria Road	

STATEMENT SHOWING THE NUMBER OF WELL WATERS EXAMINED CHEMICALLY DURING THE YEAR 1910—*concld.*

Serial No.	Received from	Situate at	Fit or unfit for potable purposes.
284	Deputy Health Officer, G Ward ...	470, Mahim Agar	
285	Do. do. G do. ...	481, Do.	
286	Do. do. G do. ...	612, Dadar Portuguese Church Street	
287	Do. do. B do. ...	229-231, Shaik Memon Street	
288	Do. do. B do. ...	109-111, Parel Road	
289	Do. do. B do. ...	303, Do.	Unfit.
290	Do. do. B do. ...	95-101-117, Memon Wada Street	
291	Do. do. B do. ...	259-261, Nagdevi Street	
292	Do. do. B do. ...	150, New Hanuman Lane	
293	Do. do. B do. ...	126A, Old Nagpada Road	
294	Do. do. B do. ...	39-43, Old Hanuman Lane...	
295	Do. do. E do. ...	36, Balaram Street	

Annual Report of the Superintendent of Vaccination for 1910.

Changes in the personnel of the Superintendent.

I was on combined leave from the 18th March to 7th November 1910, when Dr. L. W. Baptista, L. M. & S., acted for me except from the 15th to 31st August, when my Assistant Mr. D. R. Barve held the charge.

Vaccination Establishment.

The Vaccination Establishment consists of the Superintendent, Assistant Superintendent, ten vaccinators, five clerks, seventeen karkuns, three peons and fifteen coolies.

Vaccine operations with results during 1901-1910.

The following statement gives the number of primary and re-vaccinations performed during 1910 and the preceding nine years, with the number of successful operations and the percentage of success :—

YEAR.	Primary Vaccinations.			Re-vaccinations.			Total Number of Operations.		
	Number Vaccinated.	Number Successful.	Percentage of Success.	Number Vaccinated.	Number Successful.	Percentage of Success.	Number Vaccinated and Re-vaccinated.	Number Successful.	Percentage of Success.
1901	13,757	12,683	92·19	3,205	610	19·03	16,962	13,293	78·37
1902	14,072	12,692	90·19	2,300	363	15·78	16,372	13,055	79·74
1903	15,010	13,238	88·19	4,948	726	14·67	19,958	13,964	69·97
1904	17,545	15,994	91·16	3,854	289	7·50	21,399	16,283	76·09
1905	18,777	15,952	84·96	20,571	730	3·79	39,348	16,732	42·52
1906	17,086	15,719	92·00	1,744	178	10·21	18,830	15,897	84·42
1907	16,720	15,355	91·84	1,282	85	6·63	18,002	15,440	85·77
1908	19,122	16,801	87·86	4,633	257	5·55	23,755	17,058	71·80
1909	18,147	16,336	88·36	10,669	116	1·09	29,116	16,452	56·50
1910	17,356	15,371	88·56	23,600	70	·30	40,956	15,441	37·70

It will be observed that the total number of vaccine operations done during the year were 40,956 against 29,116 in 1909, of which 17,356 were primary vaccinations, being 1,091 less than in 1909, and 23,609 re-vaccinations, being 12,931 more than in 1909.

Of the primary vaccinations 15,371 were successful, the percentage of success being 88·56 ; this is, however, raised to 97·53 if 1,595 "unknown" cases be left out. Of the re-vaccinations 70 were successful, yielding the percentage of ·30, which is, however, raised to 28·57 if the 23,355 "unknown" cases be excluded. Calculated on the total number of vaccine operations the percentage of success works out to 37·70.

Primary Vaccinations by Age-periods

The results of primary operations by different Age-periods are indicated in the following table :—

Under 1 Year.			Between 1 and 6 years.			Above 6 years.			Total results.			Total.
Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	
12,482 12·76 (ratio per mille of population.)	282	899	2,732	99	354	107	9	342	15,371 15·72 (ratio per mille of population.)	390	1,595	17,356

Vaccinations by others than the Vaccination Department.

The subjoined statement shows the number of vaccine operations performed during the year under report by private Medical Practitioners, District Registrars of the Public Health Department, and the Medical Officers in charge of the two Jails and the Colaba Lunatic Asylum :—

	Primary Vaccinations.							Re-vaccinations.		
				Successful.						
	Males.	Females.	Total.	Under 1 Year.	1 and 6 Years.	All Ages.	Unknown.	Total.	Successful.	Unknown.
District Registrars....	16	12	28	17	1	18	5	193	2	188
Private Medical Practitioners	1	4	5	1	3	5	...	...	...	...
The two Jails... ...	36	3	39	2	1	36	...	1,250	258	...
Colaba Lunatic Asylum...	...	...	...	...	...	...	...	...	...	...

Inspection of Vaccinations.

The inspection of the vaccine operations as done by the different Inspecting Officers is tabulated below with the total percentage of success :—

Total number of persons vaccinated.		Total number inspected.				Percentage of inspection to total number vaccinated.				Percentage of cases found successful to total number inspected.				Percentage of success reported by the vaccinators.	
		By the Superintendent.		By the Asstt. Supdt. and the Head Vaccinator.		By the Superintendent.		By the Asstt. Supdt. and the Head Vaccinator.		By the Superintendent.		By the Asstt. Supdt. and the Head Vaccinator.			
P.	R.	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.	P.	R.
17,356	23,600	3,296	...	11,802	20	18·99	...	67·10	·08	98·67	...	97·80	50·00	88·56	·30

Heifers inoculated, scraped for emulsion, etc.

The subjoined table shows by months the number of calves inoculated, and the number rejected after inoculation owing to sickness; as also the number of calves scraped for emulsion during the year and the number used for calf to arm vaccination :—

HEIFERS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Number inoculated...	35	36	50	72	34	24	29	30	35	27	37	33	422
Number successful ...	35	36	47	68	28	21	26	30	25	25	27	24	392
Number unsuccessful	...	...	3	3	2	3	...	...	...	2	...	6	19
Number rejected after inoculation owing to sickness	...	...	...	1	4	...	3	...	...	...	...	3	11
Number Inoculated for emulsion	...	...	...	...	...	...	...	...	...	...	...	...	218
Number Inoculated for calf to arm vaccination ...	...	...	...	...	...	...	...	...	...	...	...	...	209

Cost of a single operation.

The total receipts from the sale of lymph and the issue of extracts from the Vaccination Register during the year amounted to Rs. 5,260-14-0 and Rs. 38 respectively.

The cost of each *successful* vaccine operation including all charges was Rs. 1-11-1 against Rs. 1-6-6 in the preceding year; if the amount realised by the sale of lymph be deducted from the total expenditure, the cost works out to Rs. 1-5-8 against Rs. 1-0-6 in 1909.

If calculated on the *total* number of vaccine operations, the cost of each operation, after deducting the proceeds from the sale of lymph, comes to Rs. 0-8-2 against Rs. 0-9-4 in 1909.

Postponement Certificates.

During the year under report 176 Certificates of Postponement of Vaccination of children were granted.

Prosecution under the Vaccination Act.

No prosecution was undertaken either for neglect of vaccination or for neglect of inspection of the result.

The following table shows the different kinds of lymph used, the work done with each kind and the comparative results obtained :— Kinds of Lymph employed with results.

Kind of Lymph.	Number of operations.		Successful cases excluding the "unknown."		"Unknown" Cases."		Percentage of success excluding "the unknown."	
	P.	R.	P.	R.	P.	R.	P.	R.
(a) Human	...	...	...	...	...	...	...	...
(b) Animal	4,166	5,567	3,806	12	316	5,541	99·86	46·15
(c) Glycerinated	13,190	17,733	11,565	58	1,279	17,514	97·10	26·48
Total ...	17,356	23,600	15,371	70	1,595	23,355	97·53	26·57

During the year under notice 12 Military Medical and 16 Civil Medical and other pupils attended the different Public Vaccine Stations in the City for practical instruction and were awarded certificates of qualification in Vaccination. Instruction in Vaccination.

The total mortality from Small-pox during the year was 1,008. For December 1909 the figure stood at 36 ; the mortality increased in the following months and the disease became epidemic and registered the highest mortality of 309 in March. Then followed a steady decline until the City was free from Small-pox in November ; December registered 6 deaths. Small-pox Epidemic.

Measures necessary for the prevention of the spread of the disease were duly taken. Temporary Public Vaccine Stations were opened in the different parts of the City. Vaccinators were sent with lymph to affected localities for vaccinating "Contacts" and the "unprotected" in the neighbourhood of a case of Small-pox. Schools, Hospitals, Orphanages, large public and private establishments were visited. To encourage vaccination, the cost of lymph supplied to Charitable and other Institutions was remitted. From time to time vaccination was offered to and done among the Haj Pilgrims who had disembarked and among whom cases of Small-pox had occurred. Increased facilities for Vaccination.

An encouraging feature of the year was the vaccination of Mohomadan Pilgrims to Jeddah before their embarkation—with the assistance of the Haj Committee. Haj Pilgrims, as they arrived in Bombay from up-country, were collected at the *Mushafarkhanas* under the supervision of the Commissioner of Police, and vaccinated and revaccinated in large numbers and granted Certificates of Vaccination. The total number of males and females thus vaccinated during July to November was 8,278. Vaccination of Pilgrims to the Haj.

The ordinary Vaccinating Establishment was strengthened with the addition of one vaccinator, one clerk and one coolie during October and November.

No serious ill-effects following vaccination were observed or brought to notice during the year. Effects of Vaccination.

The following Table shows the vaccination work done in Bandra and Curla circles in 1910 compared with that done in 1909. Vaccination in Bandra and Curla.

Vaccination Circles.	Population according to the census of 1901.	Year.	Children successfully vaccinated. Under 1 year.	Children successfully vaccinated. Under 6 years.	Children available for vaccination.	Persons primarily vaccinated.	Persons revaccinated.	Total number of persons operated upon.
Bandra	21,364	1909	285	75	518	431	4	435
		1910	302	61	493	353	459	817
Curla	14,839	1909	62	22	228	112	.....	112
		1910	64	26	210	141	.....	141

During the year under report, there was only one death from Small-pox in the Bandra circle and three in the Curla circle. Small-pox deaths in Bandra and Curla circles.

J. S. NERURKER,
B. Sc., L.M. & S. (Bom.), D.P.H. (Camb.),
Superintendent of Vaccination.

BOMBAY, 22*nd February* 1911.

Report of the Arthur Road Infectious Diseases Hospital for the year 1910.

I.—Administration.

1. There were no changes in the staff subsequent to the date of the last report.

2. The new quarters for nurses were completed and occupied by them. The work of altering the permanent wards was taken in hand in September and is in progress.

II.—General Statistics.

3. The total number of admissions was 1,266, as compared with 1,056 in 1909, and 1,387 in 1908. The maximum number of patients present on any particular day was 173, as compared with 105 and 200 in 1909 and 1908 respectively.

4. Included in the above total, there were 72 Hajees, 70 of whom were suffering from Small-pox; 35 of them had been vaccinated in infancy, but none before leaving Bombay *en route* to Jeddah. The mortality rate among the vaccinated Hajees was 20 per cent. as contrasted with 42·8 in the unvaccinated. There were comparatively few confluent cases, the deaths being mostly due to privation and debility.

Of the two other Hajees, one suffered from Malarial fever, and the other from Erysipelas; the former recovered and the latter succumbed.

5. The principal affections concerned were Small-pox and Measles. There were 685 admissions from the former as compared with 413 in 1909, and 828 in 1908. The latter numbered 105 as against 6 in 1909. The following statement shows the details of admissions, deaths, recoveries and rate of mortality :—

Diseases.	Admissions.	Deaths.	Recoveries.	Case-mortality rate per cent.
Small-pox	685	191	494	27·88
Chicken-pox	43	.....	43	.....
Measles	105	12	92	11·4
Cholera	36	14	22	38·8
Mumps	2	1	1	50·0
Relapsing Fever	41	18	23	43·9
Whooping Cough	15	2	13	13·5
Erysipelas	33	10	23	30·3
Plague	12	4	.....*	.....
Observation Cases	294	63	231	21·0

III.—Small-pox.

6. The incidence of Small-pox was highest during the first five months of the year as usual. The epidemic of 1910 was of about the same severity as that of 1909. The following table compares the admissions and mortality rates in the several epidemics within the last 11 years :—

Epidemic years.	Admissions.	Case-mortality rate per cent.
1900	786	26·5
1903	673	28·5
1904	476	19·7
1905	1,450	24·3
1908	826	30·3
1909	413	26·8
1910	685	27·8

It will be observed from the foregoing figures that except during the epidemic of 1904, which was characterised by unusual mildness, the variations in the case-mortality rate in the other six epidemics were not very great, the lowest rate recorded was 24·3 per cent. in 1905,

* 8 transferred to the Maratha Hospital.

and the highest, 30·3 per cent. in 1908. Various factors go to determine these fluctuations such as the varying numbers of the vaccinated and unvaccinated cases, the malignancy of the infection prevalent as indicated by confluent and hæmorrhagic cases, etc., as also the inclusion in larger or smaller numbers of the Goan Christians, who though presumably protected by vaccination performed in the Portuguese territories, do not exhibit a high degree of immunity. And to the above must be added, infants born outside the City limits and brought into Bombay without any protection during their first year.

THE VACCINAL CONDITION OF SMALL-POX PATIENTS.

7. Although Government has now directed that the vaccinal condition of Small-pox patients treated at all the hospitals and dispensaries should be fully described, the reports of the Arthur Road Hospital have hitherto furnished such information from year to year.

8. The following statement compares the vaccinal condition of the patients, and their mortality during the epidemics of 1908, 1909 and 1910.

Year.	VACCINATED.		UNVACCINATED.	
	No.	Case-mortality rate.	No.	Case-mortality rate.
1908	483	19·7	345	45·2
1909	226	14·15	187	42·24
1910	399	18·04	286	41·95

The above figures conclusively demonstrate the efficacy of vaccination in reducing the case-mortality rate among those protected by it. It would not be out of place to summarise here the data collected from the records of this Hospital extending over a period of 23 years, from the year 1888, the date of my first connection with it. It appears that the total number of patients suffering from Small-pox treated during the above period was 7,327; 5,498 of whom recovered and 1,829 died; the rate of case-mortality was 24·9 per cent. Distributed according to their vaccinal condition, the records indicate the following results :—

	Number.	Died.	Recovered.	Case-mortality rate per cent.
Vaccinated	3,635	571	3,064	15·7
Unvaccinated	3,692	1,258	2,434	34·1
Total ...	7,327	1,829	5,498	24·9

The above figures show that in an approximately equal number of patients in each group the case-mortality rate was 18·4 per cent. lower among the vaccinated, as compared with the unprotected patients. And this difference in favour of vaccination has been obtained, be it remembered, in a heterogeneous class of patients, with varying degrees of immunity conferred but by one primary vaccination in early infancy, re-vaccination not being yet compulsory—and including 30 to 35 per cent. of Goan patients, almost all imperfectly protected, although classed as such. But for these factors, the vaccinated patients would have exhibited a greater difference. Such as it is, however, it is in perfect accord with similar observations in other civilised countries and affords an unmistakable proof of the benefit conferred by vaccination.

9. That the racial element in this cosmopolitan City considerably affects the results among the protected and unprotected is exhibited by the following data :—

Races.	Total of all cases.	Case-mortality rate per cent.
Hindoos	2,459	19·07
Mahomedans	632	33·86
Goans	1,475	27·72

The Hindoos of all classes, vaccinated and unvaccinated, recorded the comparatively low case-mortality rate of 19·07 per cent., whereas Mahomedans and Goans had 33·86 and 27·72, respectively. This to a great extent depends upon the proportionately larger number of Hindoos being vaccinated, as compared with the other two communities. If the results are compared according to their vaccinal condition among these communities, they would stand thus :—

Race or Caste.	Vaccinated.		Unvaccinated.	
	Case-Mortality Rate.		Case-Mortality Rate.	
	Minimum.	Maximum.	Minimum.	Maximum.
Hindoos	12·1	14·3	27·1	37·7
Mahomedans	15·5	33·7	40·1	56·6
Goans	18·1	34·6	28·1	44·7

Here again not only is the rate of case-mortality lowest among the protected Hindoos, but it does not exhibit any wide fluctuations between various epidemics, the maximum and minimum varying between 2 per cent. *Per contra*, with the higher ratios of 15·5 per cent. and 18·1 per cent., the Mahomedans and Goans indicate fluctuations of 18 and 16 per cent. And among the unvaccinated the same holds good, except that Goans show on the whole a lower rate than Mahomedans, although the maximum among them is higher than among Hindoos. Taken as a whole, however, this racial distribution also equally demonstrates how differently Small-pox infection behaves in the presence of vaccination and without it.

IV.—Cholera.

10. The treatment of Cholera as described in the former reports was continued upto June; thereafter the following changes were made in the procedure. The exhibition of cyanide of mercury in doses of gr. 1/10th was continued : for the cardiac stimulants, there was substituted a vaso-constrictor preparation, *viz.*, extract renaglandin and the four hourly rectal injection of one pint of hypertonic saline was replaced by 3 pints every six hours.

The total number of observations on the older plan was 687 with 372 deaths and 315 recoveries, equivalent to a case-mortality rate of 53·7 per cent. If from the above 156 moribund cases were to be excluded, the result would stand as under :—

Number.	Died.	Recovered.	Case-Mortality Rate per cent.
531	216	351	40·6

These results mean that the recovery rate was 46·3 and 59·4 per cent., respectively,—a considerable advantage over the older methods of treatment.

11. The new treatment was applied among 30 cases only with 11 deaths and 19 recoveries, the case-mortality rate being 36·6 per cent. only ; 7 of the cases were moribund, and if these were eliminated, there would remain 23 cases with but 4 deaths and 19 recoveries, equivalent to a case-mortality rate of 17·3 per cent. Of the four deaths that occurred, one patient survived for 4 days after admission, two for 5 and one for 7 : the last one succumbed from violent delirium and heart failure.

In view of the above results, it would be worthwhile extending the trial of the above method before resorting to intravenous injections as being simpler, not necessitating either skilled assistance or special appliances and free from the risk of rigors and hyperpyrexia.

N. H. CHOKSY, M.D.,
Special Assistant Health Officer,
In-charge Arthur Road Hospital.

Report of the Maratha Plague Hospital for the year 1910.

I.—Administration.

1. There were no changes in the staff subsequent to the date of the last report.

II.—General Statistics.

2. The total number of admissions was 476, as compared with 650 in 1909, and 813 in 1908.

3. The admissions from plague numbered 440, as contrasted with 608 and 609 during the two previous epidemics.

4. The number of admissions for observation was 36, as against 42 in 1909. Only 6 patients died while 30 were discharged cured.

5. The case-mortality rate among the plague patients was 77 per cent., *i.e.*, about 3 per cent. lower than in 1909. The epidemic was of the usual virulence and the proportion of septicæmic cases did not show any improvement over that of last year. Hospital experience has been once again borne out by the figures of attacks and deaths reported during the year—4,130 attacks and 3,656 deaths, equivalent to a case-mortality rate of 88·52 per cent.—indicating as they do, that in spite of greatly reduced incidence of the affection, its virulence has not at all lessened, the mortality rate having ranged between 86·88 to 88·62 per cent. throughout the last four epidemics, as compared with 86·07 to 89·00 per cent. from 1905-1907, when the incidence was much higher.

III.—The Plague Research Commission.

6. Further observations into the serum therapy of plague were continued by the Commission. Owing, however, to the lateness of the epidemic as also to the unsuitability of the larger number of admissions, much progress could not be made. The work done during the last three epidemic seasons might fitly be summarised here, in view of the fact that the Advisory Committee for Plague Investigation in India has decided to discontinue further observations with Yersin's serum, and to use a new serum prepared by immunising horses with the "antigen" a nucleo-protein isolated from the bacillus pestis by a new process by Dr. Sydney Rowland, one of the members of the Commission. This antigen has been found to be a highly efficient vaccine and far more efficacious than any killed cultures of bacteria or other similar preparations hitherto used for the purpose of human or animal immunisation. "It possesses, when in solution, the following properties:—

(i) Ease of Standardization.

(ii) Greater accuracy of dosage.

(iii) Sterilization by filtration.

(iv) Smallness of dose.

(v) Absence of associated substances of no vaccinating value, which may be undesirable and, at any rate, must be dealt with by the organism before the contained antigen is liberated".*

It is proposed to use the new serum during the epidemic season of 1911.

RESULTS OF OBSERVATIONS WITH YERSIN'S SERUM, 1908-1910.

The total number of cases studied *with* the serum and *without it* as controls was 240—121 constituting the former group and 119 the latter. The cases were divisible into two main classes, septicæmic and non-septicæmic, and their relative proportion was 35 and 65 per cent. respectively, that is to say, that out of every 100 cases taken for observation as fit cases for the purpose, from clinical signs alone, 65 were found to be septicæmic. The septicæmic cases were further subdivided into 3 classes +, ++, +++, according to the degree of septicæmia.

* First Report on Investigations into Plague Vaccines by Sydney Rowland, M.A., M.R.C.S., of the Lister Institute—Journal of Hygiene, Vol. X, No. 3: Fifth Plague Number containing Reports on Plague Investigations in India—November 1910.

The following statement indicates the results :—

CLASS.	SERUM-TREATED CASES.				CONTROL CASES.			
	No.	Died.	Recovered.	Case-mortality rate per cent.	No.	Died.	Recovered.	Case-mortality rate per cent.
Sterile	50	11	39	22%	34	8	26	23·5%
Septicæmic :—								
+	22	15	7	68·1%	34	26	8	76·5%
+ + ...	9	9	...	100%	13	13	...	100%
+ + + ...	40	40	...	100%	38	38	...	100%

The foregoing figures show that septicæmic cases with + + and + + + treated with and without the serum proved equally fatal, and that the application of serum, although it often considerably reduced the degree of septicæmia, and even prolonged life, was powerless to avert death amongst them.

Secondly, the sterile cases were not much influenced by the administration of the serum, as the difference in their favour when compared with the controls was a reduction in the rate of mortality of 1·5 per cent. only.

Thirdly, the septicæmic cases with + under serum treatment showed a lower mortality rate by 8·1 per cent. when compared with the controls.

The results in the last two groups of cases appear rather contradictory, as a greater saving in life would have been anticipated among the sterile cases, having regard to the results in + septicæmic cases. It is, however, possible that, owing to the smaller groups into which the cases have been divided and the unequal distribution of milder cases, no fair comparison could be made between them. On excluding the same, however, from both the groups, a difference of about 10 per cent. has been obtained in favour of the serum treated sterile cases. As these results will form the subject of a separate detailed Report by the Commission as well as by myself, it would be premature to discuss the same here.

N. H. CHOKSY, M.D.,
Special Assistant Health Officer.

MARATHA HOSPITAL,
10th March 1911.

Meteorological Data (Government Observatory, Colaba) Latitude 18° 53′ 45″ North, Longitude 72° 48′ 56″ East.

MONTHS.	BAROMETER.	READING OF THERMOMETER.				Mean Maximum Solar Radiation.	Difference between Dew-point, Temperature and Mean Air Temperature.	Degree of Humidity, complete Saturation being 100.	Prevailing Direction of Wind.	RAIN FALL.		
	Mean daily Readings.	Maximum.	Minimum.	Mean Daily Range.	Mean Daily Value.					Number of Days on which Rain fell.	Total Fall of Rain during the Month.	Maximum Fall of Rain.
1910	in.	°	°	°	°	°	°		-	-	in.	in.
January	29·901	85·1	61·4	11·1	74·7	125·4	11·1	69	N.	.....	0·00	0·00
February	·872	86·4	66·8	11·4	77·0	128·0	13·4	64	N. N. W.	.....	0·00	0·00
March	·838	90·4	68·7	9·3	79·7	127·8	11·7	68	N. W.	.....	0·00	0·00
April	·786	88·6	75·5	8·8	82·9	129·9	10·0	73	W. N. W.	.....	0·00	0·00
May	·803	90·2	77·8	9·6	84·9	131·2	9·4	74	W. N. W.	2	0·03	0·02
June...	·618	92·6	76·2	5·3	83·1	123·2	5·7	83	S. S. W.	25	23·92	8·14
July	·696	87·4	77·3	4·5	82·4	119·3	6·4	81	W. S. W.	22	7·42	2·69
August	·687	85·2	75·6	4·2	80·3	114·2	4·2	87	W.	27	16·89	2·85
September	·720	84·8	74·4	4·9	79·8	117·3	4·6	86	W.	23	18·84	5·02
October	·822	89·2	73·2	8·3	81·0	128·0	7·6	79	N. N. W.	8	0·62	0·45
November	·884	87·4	67·8	10·5	78·2	129·1	12·3	68	N. N. E.	2	0·14	0·11
December	·962	87·0	66·3	11·7	75·8	126·1	10·4	71	N. N. E.	.....	0·00	0·00

TABLE showing the Population and the Number of Births and the Birth-rate by Sex and Section in 1910.

1	2	3			4			5			6	7	8	9		
Ward.	Section.	Population according to the Census of 1906.			Number of Births registered.			Ratio of Births per 1,000 of population.			Number of male births to 100 female births.	Excess of births over deaths per 1,000 of Population.	Excess of deaths over births per 1,000 of Population.	Mean ratio of births per 1,000 during the previous five years.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.				Males.	Females.	Total.
A	Upper Colaba	2,808	921	3,775	38	54	92	13·53	58·63	24·37	70·37	Nil.	·63	15·72	42·98	22·56
	Middle and Lower Colaba	10,064	5,246	15,310	130	135	265	12·91	25·73	17·30	96·29	„	16·13	14·78	25·87	18·71
	Fort South	3,170	774	3,944	7	11	18	2·20	14·21	4·56	63·63	„	15·46	4·37	17·44	7·58
	Fort North	17,269	11,509	28,778	251	259	510	14·53	22·50	17·72	96·91	„	21·40	18·44	27·43	22·05
	Esplanade	7,747	3,268	11,015	82	75	157	10·58	24·94	14·25	109·33	„	42·57	12·41	25·07	16·34
B	Mandvi	23,211	14,947	38,158	238	192	430	10·25	12·84	11·26	123·95	„	24·03	14·06	20·49	16·57
	Chukla	18,882	10,480	29,362	257	250	507	13·61	23·85	17·26	102·80	„	20·05	17·62	30·02	29·15
	Umarkhadi	32,261	21,349	53,610	628	556	1,184	19·46	26·04	22·08	112·94	„	18·97	17·69	24·65	20·46
	Dongri	17,427	15,236	32,663	389	338	727	22·32	22·18	22·25	115·08	„	15·43	21·42	28·97	22·59
C	Market	24,534	10,771	35,305	145	148	293	5·91	13·74	8·29	97·97	„	18·46	8·89	19·52	12·17
	Dhobi Talao	22,778	13,816	36,594	376	376	752	16·50	27·21	20·54	100·00	„	17·05	16·44	25·84	19·83
	Panaswadi	18,533	10,707	29,240	234	233	467	12·62	21·76	15·97	100·42	„	11·79	12·41	19·55	15·05
	Bhuleshwar	25,086	13,043	38,129	259	250	509	10·32	19·16	13·34	103·60	„	24·99	12·30	20·94	15·29
	Khara Talao	16,906	10,029	26,935	261	260	521	15·43	25·92	19·34	100·38	„	32·46	19·80	31·56	24·35
	Kumbharwada	20,738	12,046	32,784	281	241	522	13·55	20·00	15·92	116·59	„	16·28	15·70	28·25	18·53
D	Khetwadi	20,968	12,611	33,579	293	251	543	13·92	19·90	16·17	116·33	„	12·98	16·82	24·46	19·58
	Girgaum	17,388	11,061	28,449	261	261	522	15·01	23·59	18·34	100·00	„	15·29	14·54	19·51	16·90
	Chaupati	7,765	5,268	13,033	95	86	181	12·23	16·32	13·88	110·46	„	7·90	15·50	20·46	17·49
	Walkeshwar	8,448	4,337	12,685	84	81	165	9·94	19·11	13·00	103·70	„	3·91	10·44	18·91	13·29
	Mahalakshmi	15,199	9,451	24,650	254	227	481	16·72	24·01	19·51	111·89	„	4·86	16·86	24·80	19·92
E	Mazagaon	18,481	12,391	30,872	373	317	690	20·18	25·58	22·35	117·66	„	18·62	22·20	31·11	25·78
	Tarwadi	16,439	9,839	26,278	378	376	754	22·99	38·21	28·69	100·53	„	24·20	23·62	37·25	28·72
	2nd Nagpada	13,102	8,914	22,016	252	243	495	19·23	27·26	22·48	103·70	„	27·43	22·76	30·03	25·73
	Kamathipura	21,109	15,375	36,484	424	366	788	19·99	23·78	21·59	115·30	„	26·58	22·36	27·97	24·73
	Tardeo	16,352	11,841	28,193	339	305	644	20·73	25·75	22·84	111·14	„	12·69	23·96	31·09	26·99
	Byculla	47,846	28,434	76,280	1,327	1,366	2,693	27·73	48·04	35·30	97·14	„	7·51	25·11	43·35	31·97
	1st Nagpada	2,237	1,098	3,335	63	61	124	28·16	55·55	37·18	103·27	„	11·39	14·09	20·78	16·51
F	Parel	28,774	18,186	46,960	533	508	1,041	18·52	27·93	22·16	104·92	„	8·92	18·44	23·74	21·71
	Sewri	9,655	6,330	15,985	227	191	418	23·51	30·17	26·14	118·84	„	7·19	19·78	27·92	23·20
	Sion	18,225	12,290	30,515	417	379	796	22·88	30·83	26·08	110·02	„	7·43	21·52	29·17	24·60
G	Mahim	18,203	12,975	31,178	437	403	840	24·00	31·05	26·94	108·43	„	5·96	27·15	31·96	29·15
	Worli	41,754	27,734	69,488	962	847	1,809	23·03	30·54	26·03	113·57	„	12·36	21·12	28·87	24·21
	Harbour, Docks, Railways and Homeless.	29,606	2,634	32,240	1	.....	1	·03	.....	·03	.....	„	5·21	·06	·70	·09
	Total	612,965	364,811	977,822	10,293	9,646	19,939	16·79	25·44	20·39	106·70	.....	15·33	17·50	27·42	21·21

Death-rate from some of the Principal Diseases by Sections in 1910.

7		8																9		
ed.		Death rate per 1,000 of population from																Mean Ratio of deaths per 1,000 during the previous 5 years.		
Total.	Number of deaths amongst males to 100 deaths amongst females.	Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric.	Other fevers.	Diarrhœa and Dysentery.	Tuberculosis.	Phthisis.	Other Respiratory Diseases.	Injuries.	All other causes.	All causes.					
															Males.	Females.	Total.	Males.	Females.	Total.
94	88·00	...	·26	...	1·85	·52	·79	·26	1·85	2·64	·52	3·17	...	12·98	15·66	54·28	24·90	19·29	29·68	21·77
512	138·13	...	·58	...	6·00	·71	·39	2·67	3·78	·32	1·82	7·05	·78	9·27	29·51	40·98	33·44	37·01	48·07	40·93
79	426·66	...	1·01	...	4·31	1·52	·50	3·04	1·52	...	·50	2·02	·76	4·81	20·18	19·37	20·03	18·86	25·50	20·17
1,126	121·21	·06	1·18	·03	3·96	1·07	·41	4·37	3·37	1·14	2·74	7·08	·72	12·92	35·72	44·22	39·12	41·13	47·37	43·67
626	266·08	...	1·08	...	3·08	2·72	·99	10·80	7·17	1·63	2·90	8·71	4·44	13·25	58·73	52·32	56·83	59·20	60·78	59·58
1,347	148·06	·07	·86	·20	3·51	·34	·05	4·58	1·41	·49	·65	10·27	·73	12·08	34·63	36·32	35·30	46·91	53·24	49·41
1,096	109·56	·20	·40	·10	2·48	·10	·03	2·55	4·19	·23	3·03	10·38	·61	15·97	30·34	49·90	37·32	40·52	58·20	46·95
2,201	124·59	·03	·65	·20	3·52	·74	·18	2·29	3·02	2·27	4·29	10·38	·72	12·62	37·84	45·90	41·05	46·89	57·20	51·02
1,331	128·38	·12	·45	·09	5·02	.67	·06	2·17	3·33	·97	2·23	10·31	·52	11·69	39·70	35·87	37·68	54·41	50·58	52·64
945	149·34	·16	1·10	·05	3·68	·25	·14	1·92	1·21	·48	2·01	5·55	·42	9·74	23·07	35·18	26·76	32·17	43·02	35·54
1,376	138·47	·05	1·94	·19	5·05	·38	·43	2·76	2·76	·68	1·55	8·25	·76	12·76	35·07	41·76	37·60	43·18	47·85	44·96
813	117·11	·34	1·12	·17	4·48	·10	·10	1·64	2·28	·27	1·06	6·90	·37	8·89	23·63	34·93	27·77	35·46	44·25	38·66
1,462	120·51	·05	·68	·10	4·17	·36	·07	1·83	3·75	·70	3·64	10·51	·65	11·77	31·85	50·83	38·84	42·93	59·03	48·48
1,126	109·68	·07	·89	·11	2·74	·22	·03	·81	3·93	·51	2·26	13·03	·77	16·37	34·83	53·54	41·80	51·29	67·80	57·48
1,056	120·45	·15	·73	·57	3·47	·12	·03	·54	2·68	·24	2·50	10·00	·48	10·64	27·82	39·76	32·21	39·86	51·31	44·17
979	124·02	·11	·95	·26	2·32	·17	·20	1·75	2·82	·68	2·79	6·04	·65	10·33	25·84	34·85	29·15	31·60	42·31	35·88
957	119·49	·24	1·89	·14	2·46	·31	·17	2·00	1·61	·35	3·09	8·04	·42	12·86	29·96	39·41	33·63	35·76	45·13	39·10
284	129·03	...	·30	·15	2·76	·53	·23	·53	1·30	·30	1·07	5·44	·46	8·67	20·60	23·55	21·79	39·43	36·08	32·02
202	152·50	·15	·07	·07	·78	·23	·15	·86	1·34	·07	1·18	3·62	·78	6·54	14·44	18·88	15·92	22·56	25·95	23·48
601	123·42	·16	·60	·28	1·86	·16	·24	2·79	3·36	·24	·97	4·50	·24	8·92	21·84	28·46	24·58	32·26	36·82	34·02
1,265	132·53	·09	1·06	·32	4·69	·06	·16	4·37	3·40	·29	·45	9·81	·58	15·64	39·01	43·90	40·97	53·25	56·64	54·62
1,390	150·90	·19	1·67	·38	3·50	·76	·22	5·82	6·58	1·48	1·48	10·46	2·58	17·73	50·85	56·30	52·89	63·80	76·44	68·54
1,099	94·85	...	1·09	·45	1·22	·04	·13	4·58	6·13	·45	4·13	11·21	·45	19·98	40·83	63·27	49·91	54·96	70·61	61·36
1,758	107·06	·16	1·42	·27	2·82	·08	·02	4·93	3·59	·69	3·89	11·15	·87	18·32	43·06	55·21	48·18	57·96	65·95	61·34
1,002	116·88	...	·70	·21	2·09	·14	·28	3·90	5·28	·53	2·37	7·80	·46	11·74	33·02	39·01	35·54	47·66	54·17	50·40
3,266	117·00	·11	2·32	·27	4·36	·07	·14	3·10	5·70	·45	1·38	10·09	·70	14·05	36·80	52·92	42·81	47·16	64·45	53·68
162	157·14	...	·89	·29	2·39	·29	·89	3·29	3·89	2·09	4·19	11·39	2·39	16·49	44·25	57·37	48·57	26·87	30·02	28·01
1,460	119·21	·02	1·04	·06	4·17	·06	·02	2·51	3·55	·17	3·27	6·23	·51	9·43	27·59	36·62	31·09	38·77	49·18	42·80
533	120·24	...	·48	·12	4·75	...	...	2·94	5·44	·43	2·37	6·38	·75	9·69	30·13	38·23	33·34	39·00	47·92	42·53
1,023	112·24	·16	·65	·06	4·32	·19	·09	2·19	3·27	·13	3·24	6·88	·62	11·66	29·68	39·21	33·52	39·01	45·99	41·82
1,026	102·36	·35	·25	·12	4·58	...	·06	1·28	4·20	·19	2·08	8·82	·57	10·35	28·51	39·07	32·90	35·16	41·74	37·90
2,668	120·67	·08	1·07	·23	6·92	·01	·07	2·57	4·05	·07	3·06	8·57	·46	11·18	34·94	43·59	38·39	42·60	53·83	47·07
																			3·52	
169	...	...	·55	...	·12	·27	·21	·40	·88	·03	·12	·52	1·05	1·08	5·20	5·69	5·24	5·41		5·25
34,933	124·47	·10	1·03	·18	3·73	·29	·15	2·72	3·42	·56	2·33	8·39	·71	12·02	31·60	42·65	35·72	40·99	52·57	45·32

TABLE of Deaths and the Death-rate from some of the Principal Diseases by Sections in 1910.

Sect.	Section.	Area in square miles.	Population estimated to the middle of the year.	Population by the Census of 1901.		Number of deaths registered.			Proportion of deaths to the population estimated to the middle of the year.	Death-rate per 1,000 of population from																	Rank Table of deaths per 1,000 during the previous 5 years.		
				Males.	Females.	Males.	Females.	Total.		Diarrhœa.	Diphtheria.	Enteric.	Fever, Puerperal.	Malarial.	Measles.	Scarlet.	Small-pox.	Typhus.	Whooping-cough.	Other Zymotic Diseases.	Tuberculosis.	Cancer.	Bronchitis.	Pneumonia.	Other Diseases of Respiratory System.	Violence.	All other causes.	All causes. Males.	All causes. Females.	All causes. Total.	Males.	Females.	Total.
	Upper Chindwin	7,169	2,889	821	2,779	44	59	84	29·07	—	—	24	—	1·66	·42	·19	·24	1·66	2·44	·56	9·17	—	10·84	15·66	34·79	24·95	29·37	29·68	31·77
	Middle and Lower Chindwin	4,427	30,452	9,904	8,546	257	218	475	15·60	·11	—	·07	·11	·07	·74	·29	2·07	5·78	·82	1·62	7·03	·78	9·07	26·01	40·96	30·42	37·01	40·07	40·23
A.	Port Smith	1,257	8,173	2,274	2,264	61	75	136	16·63	·24	—	·12	·24	·12	1·10	·12	1·10	4·16	·24	·24	7·46	·24	7·46	16·63	33·16	24·16	28·66	33·16	33·16
	Port North	1,257	17,809	11,389	10,736	617	806	1,423	79·90	2·73	·28	1·40	·28	2·07	·45	1·57	1·74	2·64	7·06	·73	13·95	3·73	14·35	20·73	44·25	34·63	39·49	47·13	47·67
	Kalewah	1,257	7,747	3,308	3,103	145	166	311	40·15	1·81	—	·77	·12	1·42	·38	·64	·51	6·71	1·42	1·55	5·03	·51	12·77	12·52	12·52	16·28	14·40	15·34	15·59	15·59
	Mandat	4,446	24,311	14,987	20,135	804	943	1,747	71·85	·37	·45	·99	2·31	·99	1·19	1·11	·49	·62	10·27	·78	12·09	24·63	30·37	26·10	46·91	35·24	40·45
	Ondin	4,446	27,888	15,882	19,481	1,017	1,004	2,021	72·46	·32	·25	1·04	2·04	·61	1·04	1·11	·43	·54	9·31	·68	12·45	25·87	30·37	26·10	46·52	36·25	40·76
B.	Emerald	2,225	13,423	7,251	8,618	1,731	986	2,717	202·43	·67	·52	1·19	3·28	·52	1·19	1·04	·74	1·19	3·28	·74	12·35	27·54	48·50	47·75	68·97	57·26	61·52	67·26	67·26
	Donget	2,225	12,164	7,417	8,603	1,090	1,188	2,278	187·27	·82	·74	·98	2·47	·74	2·47	2·55	·57	1·23	11·52	1·23	12·76	30·77	50·37	47·09	84·45	60·58	69·84	84·45	84·45
	Mashet	4,446	24,351	16,771	20,203	1,054	1,243	2,297	94·34	·16	·16	·16	·08	·08	·24	1·02	2·51	4·26	·41	6·73	23·07	31·71	30·76	29·17	43·02	29·17	35·54	43·02	43·02
	Shwe Taloe	4,446	28,738	16,479	19,259	1,427	1,404	2,831	98·51	·24	·24	·24	·24	·24	·24	1·04	2·64	3·23	·24	6·01	23·24	31·77	30·76	29·17	43·02	29·17	35·54	43·02	43·02
C.	Tamanthi	4,446	18,326	10,737	12,010	939	878	1,817	99·14	1·23	·17	1·46	·11	·17	1·29	2·24	·57	1·69	6·01	·57	8·96	32·65	34·93	27·17	53·46	34·97	39·06	53·46	53·46
	Shinbweyar	4,446	17,797	10,089	13,281	1,102	1,120	2,222	124·86	1·40	·28	1·40	·28	·28	1·40	1·40	·84	1·12	6·74	1·12	8·43	30·34	34·93	27·17	53·46	34·97	39·06	53·46	53·46
	Shan Taloe	4,446	28,709	16,479	19,259	1,203	1,256	2,459	85·66	·07	·03	·03	·03	·03	·24	·24	·03	·03	2·19	·13	7·32	24·35	31·77	30·76	29·17	43·02	29·17	35·54	43·02	43·02
	Kumbalawrath	4,446	30,788	13,940	16,764	857	878	1,735	56·35	·16	·13	·07	·07	·13	·03	·03	·04	·04	1·98	·24	2·60	19·05	25·39	17·82	30·76	19·21	23·98	30·76	30·76	30·76
	Khetrait	4,446	23,769	13,471	18,279	547	677	1,224	51·49	·11	·03	·04	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Gigaing	4,446	17,780	9,441	11,339	641	696	1,337	75·20	·11	·11	·11	·11	·11	·11	·11	·11	·11	·11	·11	2·81	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
D.	Chaupali	4,446	28,684	8,766	8,836	1,039	1,151	2,190	76·34	·03	·03	·03	·03	·03	·03	·03	·03	·03	·03	·03	4·84	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Wuhbubbar	4,446	24,648	8,247	12,063	1,173	1,262	2,435	98·78	·12	·04	·04	·04	·04	·04	·04	·04	·04	·04	·04	4·84	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Mahabbinai	4,446	27,479	13,940	16,764	1,040	1,011	2,051	74·64	·11	·07	·07	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Maingna	4,446	23,206	12,561	14,972	771	844	1,615	69·60	·03	·03	·03	·03	·03	·03	·03	·03	·03	·03	·03	3·31	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Tarwadi	4,446	23,207	10,459	12,748	1,004	1,004	2,008	86·55	·11	·07	·07	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Ind Sagyeik	4,446	23,207	10,459	12,748	1,004	1,004	2,008	86·55	·11	·07	·07	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
E.	Kamaikpyen	4,446	23,207	10,459	12,748	1,004	1,004	2,008	86·55	·11	·07	·07	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Tarloe	4,446	23,207	10,459	12,748	1,004	1,004	2,008	86·55	·11	·07	·07	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Byralin	4,446	23,207	10,459	12,748	1,004	1,004	2,008	86·55	·11	·07	·07	·07	·07	·11	·03	·03	·03	·03	·03	2·44	19·05	23·84	24·43	39·15	23·84	30·25	39·15	39·15	39·15
	Ind Sagyeik

TABLE of Deaths registered by Section and Month in 1910.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total No. of deaths registered in 1910.
A.	Upper Colaba	7	5	9	6	8	5	7	9	6	15	5	12	94
	Middle and Lower Colaba	44	30	49	36	41	53	43	53	31	39	42	51	512
	Fort South	4	4	4	16	13	9	4	7	3	5	5	5	79
	Fort North	86	81	102	115	122	84	110	90	85	80	70	101	1,126
	Esplanade	65	64	54	69	69	47	43	51	40	49	39	36	626
B.	Mandvi	109	124	158	111	107	99	108	103	93	126	112	97	1,347
	Chukla	87	91	124	109	87	91	79	77	92	79	93	87	1,096
	Umarkhadi	174	192	230	217	212	153	217	174	148	166	167	151	2,201
	Dongri	89	129	112	107	91	78	116	91	96	109	119	94	1,231
C.	Market	73	74	109	83	110	73	88	67	64	69	61	74	945
	Dhobi Talao	96	107	143	140	143	99	140	108	117	86	94	103	1,376
	Fanaswadi	64	75	81	81	76	70	70	62	52	46	54	81	842
	Bhuleshwar	115	108	136	170	158	115	132	92	114	99	108	115	1,462
	Khara Talao	81	96	123	123	116	84	97	85	98	83	69	71	1,126
	Kumbharwada	88	78	109	122	111	70	78	66	71	73	94	96	1,056
D.	Khetwadi	75	66	85	103	92	83	89	93	63	74	65	91	979
	Girgaum	66	79	109	84	82	69	85	75	68	71	76	93	957
	Chaupati	13	20	28	42	21	27	22	25	17	25	19	25	284
	Walkeshwar	14	18	18	21	15	14	19	19	16	7	15	26	202
	Mahalakshmi	44	51	38	45	63	55	65	62	40	40	54	44	601
E.	Mazagaon	82	119	170	134	110	93	116	95	77	93	75	101	1,265
	Tarwadi	110	126	130	101	130	96	137	98	99	123	98	142	1,390
	2nd Nagpada	98	98	121	107	95	69	96	99	92	79	69	76	1,099
	Kamathipura	138	109	168	200	149	110	148	152	129	139	135	181	1,758
	Tardeo	81	76	97	101	77	61	105	91	70	90	81	72	1,002
	Byculla	238	270	382	414	295	224	272	272	257	228	196	218	3,266
	1st Nagpada	11	7	21	12	18	14	15	18	12	12	11	11	162
F.	Parel	118	110	178	151	162	90	132	129	94	102	78	116	1,460
	Sewri	32	51	64	60	57	36	42	51	34	41	26	39	533
	Sion	85	82	125	94	108	82	83	82	62	73	71	76	1,023
G.	Mahim	95	61	115	108	110	63	74	82	81	55	87	95	1,026
	Worli	204	183	312	339	302	173	223	230	185	173	174	170	2,668
	Harbour, Docks, Railways and Homeless...	41	31	14	17	8	11	8	9	5	7	6	12	169
	Total ...	2,727	2,815	3,718	3,638	3,358	2,500	3,063	2,817	2,511	2,556	2,468	2,762	34,933

TABLE of Deaths registered from all Causes by Section and Age-Period in 1910.

1	2	3		4		5		6		7		8		9		10		11		12		13		14		15
Ward.	SECTION.	Under 1 year.		1 year and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 30 years.		30 years and under 40 years.		40 years and under 50 years.		50 years and under 60 years.		60 years and upwards.		Unspecified.		Total.		Total.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
A.	Upper Colaba	9	14	3	3	1	5	2	4	1	2	11	6	6	9	6	...	4	3	1	4	...	...	44	50	94
	Middle and Lower Colaba	47	53	24	26	10	14	16	6	28	9	64	41	50	18	23	21	11	19	22	8	...	...	297	215	512
	Fort South	2	4	1	4	1	...	3	1	2	...	17	3	15	...	7	...	4	2	5	1	...	...	64	15	79
	Fort North	122	114	85	54	11	26	13	17	44	34	121	69	98	45	64	44	56	28	52	78	1	...	617	509	1,126
	Esplanade	32	24	20	17	6	5	2	6	31	15	112	29	86	26	70	18	52	16	34	15	3	...	455	171	626
B.	Mandvi	163	144	56	63	15	26	24	24	71	53	170	71	104	45	55	39	66	27	50	51	...	...	804	543	1,347
	Chakla	128	128	48	49	20	22	22	29	40	65	97	84	71	41	51	29	51	28	45	48	...	...	573	523	1,096
	Umarkhadi	261	223	94	128	26	42	44	54	75	99	210	151	172	56	129	60	97	64	113	105	...	...	1,221	980	2,201
	Dongri	165	169	62	81	21	18	31	21	65	34	139	69	100	44	39	38	43	23	27	43	...	...	692	539	1,231
C.	Market	102	89	37	42	8	10	23	29	64	38	115	63	73	28	51	28	56	24	38	33	...	...	566	379	945
	Dhobi Talao	133	151	76	77	22	16	31	15	85	40	123	91	98	61	89	43	80	36	62	67	...	...	799	577	1,376
	Fanaswadi	87	90	53	51	12	14	16	11	53	42	75	57	46	29	38	24	27	17	31	41	...	...	438	374	812
	Bhuleshwar	137	152	60	60	21	23	28	46	65	70	157	84	94	71	86	44	82	38	65	76	...	...	799	663	1,462
	Khara Talao	123	134	58	62	11	21	8	32	31	57	99	89	82	55	69	21	52	40	56	48	...	...	589	537	1,126
	Kumbharwada	151	125	65	70	18	22	21	22	59	41	99	81	70	32	29	21	38	21	27	44	...	...	577	479	1,056
D.	Khetwadi	128	98	77	59	13	18	17	19	38	44	82	65	71	41	44	19	33	24	44	50	...	...	542	437	979
	Girgaum	123	105	64	66	15	9	23	10	40	42	94	69	60	31	46	29	25	26	31	49	...	...	521	436	957
	Chaupati	42	30	22	19	5	6	3	5	12	10	29	17	17	8	7	8	11	4	12	17	...	...	160	124	284
	Walkeshwar	30	18	8	15	1	2	3	6	2	9	23	9	23	4	9	6	8	8	15	8	...	...	122	80	202
	Mahalakshmi	80	66	35	40	11	11	8	10	18	16	70	44	40	22	28	17	17	16	25	25	...	...	332	269	601
E.	Mazagaon	169	147	65	82	25	32	30	27	62	27	122	80	91	53	59	29	43	26	55	41	...	...	721	544	1,265
	Tarwadi	195	209	66	66	24	17	15	23	61	31	173	77	138	34	65	37	43	32	53	28	2	...	836	554	1,390
	2nd Nagpada	159	119	60	92	15	19	17	26	24	51	75	96	59	52	47	32	31	28	48	49	...	...	535	564	1,099
	Kamathipura	204	200	108	124	17	38	30	25	65	72	174	156	112	76	73	46	57	50	68	73	...	...	909	849	1,758
	Tardeo	170	124	78	83	10	11	22	15	34	23	87	90	54	34	44	15	27	15	43	52	..	...	540	462	1,002
	Byculla	418	388	234	231	77	77	51	71	143	115	322	230	190	140	123	69	96	84	107	99	...	1	1,761	1,505	3,266
	1st Nagpada	17	17	7	6	1	2	1	1	10	5	21	9	15	7	10	5	8	...	9	11	...	...	99	63	162
F.	Parel	200	184	87	90	27	32	27	25	85	49	184	120	84	56	69	30	39	26	42	51	...	...	794	666	1,460
	Sewri	91	65	26	39	7	7	15	11	20	16	41	41	30	14	28	13	14	18	19	18	...	...	291	242	533
	Sion	142	131	60	58	13	24	20	20	51	41	72	71	59	45	52	23	31	19	37	52	...	...	541	482	1,023
G.	Mahim	121	132	56	61	16	26	21	26	34	45	85	80	71	43	36	22	41	28	38	44	...	...	519	507	1,026
	Worli	395	316	143	195	44	59	72	53	139	79	252	191	146	110	105	59	79	54	85	98	...	...	1,459	1,209	2,668
	Harbour, Docks, Railways and Homeless	...	...	...	...	1	...	3	...	10	...	30	1	27	2	26	4	23	3	29	5	5	...	154	15	169
	Total	4,312	3,941	1,888	2,113	524	649	639	689	1,573	1,274	3,502	2,428	2,451	1,300	1,708	893	1,345	847	1,388	1,427	11	1	19,371	15,562	34,933
	Persons	8,253		4,001		1,173		1,328		2,847		5,930		3,751		2,601		2,192		2,815		12		34,933		...
	Percentages to Total Mortality	23·62		11·45		3·35		3·88		8·14		16·97		10·73		7·44		6·27		8·06		·03		.....		...

TABLE showing the Population, the Number of Deaths from all Causes and the

1	2	3								
		Population by the Census of 1906.								
Ward.	SECTION.	Hindus.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Other and Unknown Castes.	Total.
A.	Upper Colaba	1,602	145	110	1	146	14	1,757	...	3,775
	Middle and Lower Colaba ...	10,341	813	874	84	1,238	67	1,827	16	15,310
	Fort South	1,713	162	87	148	930	115	754	35	3,944
	Fort North	14,825	1,433	10,790	39	1,228	142	314	9	28,778
	Esplanade	7,205	941	529	117	954	265	997	7	11,015
B.	Mandvi	32,472	5,087	24	452	79	...	43	1	38,158
	Chukla	11,250	17,934	135	...	15	15	13	...	29,362
	Umarkhadi	19,029	32,437	55	1,336	671	...	14	8	53,610
	Dongri...	29,647	2,200	15	579	188	2	32	...	32,663
C.	Market	29,626	2,780	2,159	4	583	79	72	2	35,305
	Dhobi Talao	22,381	939	8,641	1	4,600	9	14	9	36,594
	Panaswadi	25,483	504	1,920	7	1,326	...	...	...	29,240
	Bhuleshwar	25,886	11,597	633	2	11	...	...	...	38,129
	Khara Talao	9,612	16,998	280	7	30	...	...	4	26,935
	Kumbharwada	29,496	2,816	408	4	50	10	...	...	32,784
D.	Khetwadi	21,824	4,332	6,402	18	668	60	215	...	33,579
	Girgaum	26,499	460	546	2	762	82	98	...	28,449
	Chanpati	11,477	285	797	1	353	52	68	...	13,033
	Walkeshwar	9,372	709	1,002	22	681	232	654	13	12,685
	Mahalakshmi	19,385	741	3,322	18	538	161	485	...	24,650
E.	Mazagaon	21,692	3,705	1,480	55	2,752	485	703	...	30,872
	Tarwadi	20,527	2,373	745	287	1,118	385	843	...	26,278
	2nd Nagpada	7,271	13,853	83	553	120	61	65	10	22,016
	Kamathipura	29,436	5,983	196	147	480	99	94	49	36,484
	Tardeo...	19,872	4,411	2,835	30	617	164	229	32	28,190
	Byculla	57,625	14,088	523	493	1,890	719	937	5	76,280
	1st Nagpada	2,062	697	53	223	129	88	83	...	3,335
F.	Parel	42,837	1,995	1,354	108	480	48	139	...	46,960
	Sewri	14,729	734	80	16	350	25	101	...	15,985
	Sion	25,319	2,362	594	17	1,998	93	132	...	30,515
G.	Mahim...	24,582	3,251	553	55	2,511	86	160	...	31,178
	Worli	62,108	3,674	1,331	539	2,080	240	516	...	69,488
	Harbour, Docks, Railways and Homeless	18,971	9,116	318	27	588	113	3,015	92	32,240
	Total ...	706,154	168,677	48,824	5,367	30,223	3,911	14,374	392	977,822

Death-rate per 1,000 of population by Class and Section in 1910.

4									5							
Number of Deaths from all Causes excluding Still-born.									Death rate per 1,000 of population amongst :—							
Hindus.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Other and unknown castes.	Total.	Hindus.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Other and unknown castes.	Total.
55	8	3	1	9	2	16	...	94	34·33	55·17	27·27	1000·00	61·64	142·85	9·10	.....	24·90
390	29	14	2	29	6	42	...	512	37·71	35·67	16·01	23·59	22·51	89·55	22·98	.....	33·44
38	5	2	2	5	2	25	...	79	22·18	30·60	22·98	13·51	5·37	17·39	33·16	.....	20·03
593	98	351	2	60	7	11	1	1,124	40·00	65·38	32·53	51·28	5·70	49·29	44·58	111·11	39·12
316	231	40	3	31	6	37	3	626	13·85	245·48	18·90	17·09	22·01	22·64	37·11	428·57	56·83
1,094	225	...	16	11	...	3	...	1,347	33·69	43·83	...	35·39	139·24	...	69·76	.....	35·30
293	802	1	...	...	...	...	...	1,096	26·04	44·71	7·40	...	...	...	...	.....	37·32
519	1,586	1	67	25	1	...	2	2,201	27·27	48·60	18·18	50·14	37·35	71·42	...	250·00	41·05
1,047	157	2	14	7	...	2	2	1,231	35·31	71·36	133·33	24·17	37·23	...	62·50	.....	37·68
736	152	36	...	40	...	1	...	965	34·84	47·48	16·67	...	68·61	...	13·88	.....	26·76
783	60	382	...	248	1	...	2	1,376	34·98	63·69	32·63	...	53·91	71·42	...	22·22	37·60
699	25	60	...	38	...	...	...	812	27·03	49·65	31·25	...	28·65	...	...	.....	27·77
854	588	17	...	3	...	...	...	1,462	32·99	50·70	20·35	...	272·72	...	...	.....	38·34
279	835	3	...	3	...	...	1	1,126	29·02	49·13	28·57	...	76·92	...	...	250·00	41·89
921	125	7	...	3	...	...	...	1,056	31·32	44·38	17·15	...	60·00	...	...	.....	32·21
659	135	178	...	22	...	3	2	979	29·27	30·73	27·80	...	32·93	...	13·95	.....	29·18
897	16	6	...	38	...	...	...	957	33·85	34·78	10·96	...	49·86	...	...	.....	33·63
246	11	18	...	7	...	2	...	284	21·43	38·59	22·58	...	19·83	...	29·41	.....	21·79
165	10	18	...	5	...	3	1	202	17·60	14·10	17·96	...	7·34	...	4·58	76·92	15·92
492	9	72	...	23	...	5	...	601	25·38	12·14	51·67	...	42·75	...	10·30	.....	24·38
795	264	49	...	133	53	9	2	2,265	36·64	71·25	33·10	...	48·32	26·86	12·80	.....	40·97
882	227	20	9	204	22	25	1	1,390	42·96	95·65	26·84	31·35	182·46	57·14	29·65	.....	53·89
262	817	3	11	5	...	1	...	1,099	36·02	58·97	36·14	19·82	41·66	...	15·38	.....	45·91
1,360	349	3	5	36	4	1	...	1,758	46·20	58·33	15·80	34·01	75·00	41·40	10·63	.....	48·18
671	214	65	...	43	5	3	1	1,002	33·76	48·48	22·92	...	69·69	30·48	13·10	31·25	35·51
2,109	932	17	23	110	41	32	2	3,266	36·59	69·15	32·50	46·65	58·20	57·02	34·14	400·00	42·81
76	48	...	14	13	5	4	2	162	36·85	68·86	...	62·77	100·77	56·81	48·19	.....	48·57
1,294	89	32	5	34	2	3	1	1,460	30·20	14·52	23·63	48·54	70·88	41·66	21·58	.....	31·09
467	43	...	...	20	1	2	...	533	31·70	56·58	...	...	57·14	40·00	19·80	.....	33·34
815	102	13	...	93	...	...	...	1,023	32·18	43·18	31·88	...	46·54	...	...	.....	33·53
753	170	2	...	91	1	2	...	1,026	30·63	52·29	16·27	...	38·34	11·52	12·50	.....	32·69
2,326	179	36	22	90	7	8	...	2,568	37·45	66·94	37·04	40·61	43·26	29·16	15·50	.....	38·39
35	101	...	...	4	1	23	5	169	1·84	11·07	....	...	6·89	8·84	7·62	54·34	5·24
22,391	8,620	1,333	495	1,473	127	268	28	34,933	32·41	51·10	27·30	38·33	48·73	32·47	18·50	95·89	35·72

TABLE of Deaths registered from CHOLERA by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....
	Middle and Lower Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·47
	Fort South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·26
	Fort North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·26
	Esplanade	...	...	...	...	...	1	...	...	...	...	...	1	...	2	2	...	...	...	·32
																	·06		·06	1·37
B	Mandvi	...	...	1	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	·46
	Chukla	1	...	...	...	...	...	2	...	...	2	...	1	...	6	6	...	...	...	·17
	Umarkhadi	1	...	...	...	...	...	1	...	...	...	...	...	...	2	2	...	...	...	·51
	Dongri	...	...	...	...	...	...	...	1	...	...	1	2	...	4	4	...	...	...	·89
																	·07		·07	·46
C	Market	...	...	...	...	...	...	1	3	...	2	...	...	...	6	6	...	...	...	·47
	Dhobi Talao	...	...	...	...	...	...	2	...	...	...	...	...	...	2	2	...	...	...	·59
	Fanaswadi	1	...	1	...	...	...	1	...	...	...	...	7	...	10	10	...	...	...	·56
	Bhuleshwar	...	...	...	...	...	...	...	...	...	1	1	...	...	2	2	...	...	...	·60
	Khara Talao	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	·22
	Kumbharwada	2	...	...	...	...	...	...	...	2	...	...	3	...	5	5	...	...	...	·60
																	·11		·11	·27
D	Khetwadi	...	...	...	...	...	1	1	...	..	1	...	1	...	4	4	..	...	·11	·27
	Girgaum	...	...	...	...	...	...	...	...	...	...	...	7	...	7	7	...	...	·24	·66
	Chanpati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·50
	Walkeshwar	...	1	...	...	...	...	...	...	...	...	...	1	...	2	2	·15	...	·15	·16
	Mahalakshmi	...	...	...	..	1	...	2	1	...	..	...	...	...	4	4	..	...	·16	·59
																	·09		·09	·69
E	Mazagaon	...	...	1	...	...	...	2	...	...	...	...	...	...	3	3	...	...	·19	·76
	Tarwadi	1	1	...	1	...	...	2	...	...	...	...	...	...	5	5	...	...	...	·18
	2nd Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·16	·38
	Kamathipura	...	...	...	...	...	...	1	...	2	...	...	3	...	6	6	...	...	...	·48
	Tardeo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·11	·59
	Byculla	...	1	...	1	...	...	...	3	1	2	...	1	...	9	9	...	...	...	·62
	1st Nagpada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
																	·02		·02	1·10
F	Parel	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	...	·16	·61
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·61
	Sion	...	..	...	...	...	...	...	...	...	1	1	3	...	5	5	...	...	·35	·69
																	·08		·08	·54
G	Mahim	...	...	...	...	...	...	...	...	...	...	...	11	...	11	11	...	...	...	·24
	Worli	...	...	...	1	...	...	...	1	1	1	1	1	...	6	6	...	...	...	
	Harbour, Docks, Railways and Homeless	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·24
	Total	6	3	3	5	1	2	16	9	6	10	4	42	82	25	107	·13	·06	·10	·53

TABLE of Deaths registered from SMALL-POX by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Death Ratio per 1,000 of population.			Mean Ratio per 1,000 of population during the previous 5 years.
														Males.	Females.	Total.	Males.	Females.	Total.	
A.	Upper Colaba	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·26	·26
	Middle and Lower Colaba	...	...	1	3	3	...	...	...	...	...	...	...	...	...	9	...	...	·58	·67
	Fort South	...	...	...	2	1	...	...	...	...	...	...	...	...	...	4	...	...	1·01	·26
	Fort North	5	4	8	10	3	...	...	...	...	...	...	...	...	...	34	...	...	1·13	·54
	Esplanade	1	1	3	2	2	3	...	1	...	...	...	...	...	...	12	...	...	1·08	·82
B.	Mandvi	2	3	9	11	7	...	1	...	...	...	...	...	...	...	33	...	...	·86	1·03
	Chukla	3	1	3	2	5	...	...	...	...	...	...	...	...	...	12	...	...	·40	·59
	Umarkhadi	4	5	9	8	9	...	...	...	...	...	...	...	...	...	35	...	...	·93	·93
	Dongri	1	2	6	4	1	1	...	...	...	...	...	...	...	...	15	...	...	·45	·86
C.	Market	3	2	18	6	6	2	1	1	...	...	...	...	...	...	39	...	...	1·10	·61
	Dhobi Talao	2	12	29	18	3	4	...	...	1	...	...	1	...	...	71	...	...	1·94	1·39
	Fanaswadi	5	9	7	8	4	...	...	...	...	...	...	...	...	...	33	...	...	1·12	1·05
	Bhuleshwar	1	6	11	4	3	...	...	...	...	...	...	...	...	...	26	...	...	·68	·71
	Khara Talao	2	1	5	4	10	...	2	...	...	...	...	...	...	...	24	...	...	·89	·68
	Kumbharwada	1	2	5	8	7	...	...	...	...	...	...	1	...	...	24	...	...	·73	1·16
D.	Khetwadi	1	...	14	12	4	1	...	...	...	...	...	...	...	...	32	...	...	·95	·52
	Girgaum	4	9	23	13	2	3	...	...	...	...	...	...	...	...	54	...	...	1·89	·77
	Chaupati	...	2	...	2	...	...	...	...	...	...	...	...	...	...	4	...	...	·30	·59
	Walkeshwar	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·07	·32
	Mahalakshmi	1	...	2	4	2	3	2	...	1	...	...	...	...	...	15	...	...	·60	·64
E.	Mazagaon	...	4	6	15	5	3	...	...	...	...	...	...	...	...	33	...	...	1·06	1·12
	Tarwadi	4	8	13	8	6	3	...	...	1	1	...	...	...	...	44	...	...	1·67	·76
	2nd Nagpada	2	8	4	6	2	1	...	...	...	1	...	...	...	...	24	...	...	1·09	·81
	Kamathipura	1	7	15	20	4	4	...	...	...	...	...	1	...	...	52	...	...	1·42	1·18
	Tardeo	...	3	2	6	1	3	1	2	1	...	...	1	...	...	20	...	...	·70	1·19
	Byculla	10	16	70	50	18	10	1	1	...	...	...	1	...	...	177	...	...	2·32	·85
	1st Nagpada	...	...	1	1	...	1	...	...	...	...	...	...	...	...	3	...	...	·89	·62
F.	Parel	4	6	19	11	7	1	1	...	...	...	...	...	...	...	49	...	...	1·04	1·15
	Sewri	...	...	...	2	2	2	1	...	...	...	...	...	...	...	7	...	...	·43	·75
	Sion	1	2	7	4	1	2	3	...	...	...	...	...	...	...	20	...	...	·65	·74
G.	Mahim	2	...	1	2	2	1	...	...	...	...	...	...	...	...	8	...	...	·25	·55
	Worli	16	12	17	14	11	1	2	...	...	...	1	1	...	...	75	...	...	1·07	1·01
	Harbour, Docks, Railways and Homeless	4	12	1	1	...	...	...	...	...	...	...	...	...	...	18	...	...	·55	·57
	Total ...	76	138	309	260	139	53	15	5	4	3	...	6	574	434	1,008	·93	1·18	1·03	·85

TABLE of Deaths registered from MEASLES by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·26
	Middle and Lower Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·26
	Fort South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort North	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	·03	·18
	Esplanade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·18
B	Mandvi	...	...	...	...	1	...	1	1	1	2	...	2	...	...	8	...	...	·20	·46
	Chukla	...	...	...	...	1	...	...	...	...	...	1	...	...	...	3	...	...	·10	·31
	Umarkhadi	...	...	...	...	1	...	3	...	...	...	1	1	...	...	11	...	...	·20	·70
	Dongri	...	...	...	...	...	2	...	1	...	...	...	...	...	...	3	...	...	·09	·86
C	Market	...	...	...	...	...	1	1	...	...	...	...	...	...	...	2	...	...	·05	·14
	Dhobi Talao	...	...	...	...	...	3	...	...	...	1	...	1	2	...	...	7	...	·19	·25
	Panaswadi	...	...	...	...	...	2	...	...	...	...	...	...	3	...	...	5	...	·17	·37
	Bhuleshwar	...	...	...	...	...	...	1	...	...	1	...	...	2	...	...	4	...	·10	·35
	Khara Talao	...	...	...	1	...	...	...	...	...	...	1	1	...	...	3	...	...	·11	·34
	Kumbharwada	...	...	...	2	1	...	2	...	1	...	8	4	...	...	12	...	...	·57	·40
D	Khetwadi	...	...	...	...	1	...	...	...	...	1	1	6	...	...	9	...	...	·26	·15
	Girgaum	...	...	...	...	...	...	...	...	1	...	...	2	...	...	4	...	...	·14	·15
	Chaupati	...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	·15	·08
	Walkeshwar	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	·07	·08
	Mahalakshmi	...	...	...	1	1	1	...	...	...	...	2	2	...	...	7	...	...	·28	·17
E	Mazagaon	...	2	...	1	2	1	1	1	...	1	1	...	...	...	10	...	...	·32	·66
	Tarwadi	1	1	...	2	1	2	...	1	...	1	...	1	...	...	10	...	...	·38	1·01
	2nd Nagpada	...	1	...	...	5	...	1	...	...	...	...	3	...	...	10	...	...	·45	·70
	Kamathipura	...	...	...	...	...	...	...	1	...	...	2	7	...	...	10	...	...	·27	·49
	Tardeo	...	...	...	...	...	...	1	1	...	...	4	...	...	...	6	...	...	·21	·59
	Byculla	1	4	3	1	3	1	...	...	...	2	1	5	...	...	21	...	...	·27	·96
	1st Nagpada	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	·49	·20
F	Parel	...	...	1	1	...	...	...	...	...	...	...	1	...	...	3	...	...	·06	·81
	Sewri	...	...	1	...	...	...	...	...	...	...	...	1	...	...	2	...	...	·12	·47
	Sion	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	...	·06	·44
G	Mahim	...	...	...	...	...	...	1	1	...	...	...	3	...	...	4	...	...	·12	·32
	Worli	1	1	...	1	2	1	...	2	1	3	1	4	...	...	16	...	...	·23	1·11
	Harbour, Docks, Railways and Homeless	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	6	11	11	11	25	9	11	8	6	10	25	51	74	110	184	·12	·30	·18	·50

TABLE of Deaths registered from PLAGUE by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	3	2	...	1	...	...	1	...	...	...	...	7	...	...	1·85	3·41
	Middle and Lower Colaba	5	5	5	4	12	10	14	13	7	8	7	2	...	...	92	...	...	6·00	11·37
	Fort South	...	...	...	10	5	2	...	...	...	...	...	...	...	...	17	...	...	4·31	5·23
	Fort North	4	3	6	24	52	11	7	5	2	...	...	...	...	...	114	...	...	3·96	7·60
	Esplanade	4	7	4	4	9	1	...	3	...	1	...	1	...	...	34	...	...	3·08	4·77
B	Mandvi	7	26	35	11	13	19	5	5	2	7	2	2	...	...	134	...	...	3·51	11·22
	Chukla	1	12	12	13	7	12	10	...	3	3	...	...	...	...	73	...	...	2·48	8·81
	Umarkhadi	8	23	51	56	29	7	6	3	2	...	4	1	...	...	189	...	...	3·52	8·17
	Dongri	5	41	33	23	17	5	10	6	6	13	4	1	...	...	164	...	...	5·02	10·61
C	Market	...	9	10	23	44	19	11	5	3	4	1	1	...	...	130	...	...	3·68	9·75
	Dhobi Talao	1	6	19	43	58	25	27	3	3	...	...	...	...	...	185	...	...	5·05	11·48
	Panaswadi	1	4	20	37	37	22	7	1	1	...	...	1	...	...	131	...	...	4·48	12·18
	Bhuleshwar	...	5	19	46	45	14	11	9	...	2	1	3	...	...	159	...	...	4·17	13·37
	Khara Talao	7	8	12	29	11	2	...	1	1	1	...	2	...	...	74	...	...	2·74	9·47
	Kumbharwada	5	10	22	33	29	7	8	1	...	1	2	1	...	...	114	...	...	3·47	9·32
D	Khetwadi	...	6	14	13	23	8	4	6	2	...	2	...	...	...	78	...	...	2·32	6·44
	Girgaum	2	3	12	17	18	5	8	3	1	...	...	1	...	...	70	...	...	2·46	6·48
	Chaupati	...	...	11	12	8	3	1	...	...	1	...	...	...	...	36	...	...	2·76	6·96
	Walkeshwar	1	...	1	1	3	2	...	2	...	...	...	...	...	...	10	...	...	0·78	5·54
	Mahalakshmi	2	2	5	7	14	7	6	...	...	2	1	...	...	...	46	...	...	1·86	6·51
E	Mazagaon	5	20	46	25	14	14	13	7	...	...	1	...	...	...	145	...	...	4·69	12·84
	Tarwadi	2	9	20	15	12	3	25	2	1	1	1	1	...	...	92	...	...	3·50	11·41
	2nd Nagpada	...	4	6	6	5	3	2	...	...	...	1	...	...	...	27	...	...	1·22	8·67
	Kamathipura	...	9	19	24	29	4	7	4	3	3	1	...	...	...	103	...	...	2·82	10·10
	Tardeo...	1	5	12	17	7	1	7	7	...	...	...	2	...	...	59	...	...	2·09	7·70
	Byculla	10	19	74	124	70	8	9	7	3	3	4	2	...	...	333	...	...	4·36	9·53
	1st Nagpada	...	1	...	...	3	3	...	1	...	...	...	...	...	...	8	...	...	2·39	3·55
F	Parel	4	11	38	53	62	8	9	6	1	1	1	2	...	...	196	...	...	4·17	8·67
	Sewri	...	8	18	16	19	1	...	9	2	...	2	1	...	...	76	...	...	4·75	11·81
	Sion	7	11	37	35	30	12	...	5	1	...	3	1	...	...	132	...	...	4·32	6·77
G	Mahim	1	4	48	37	31	8	10	1	1	...	...	2	...	...	143	...	...	4·58	6·31
	Worli	2	23	86	154	123	34	12	18	10	8	6	5	...	...	481	...	...	6·92	10·18
	Harbour, Docks, Railways and Homeless	...	...	...	...	2	...	...	...	...	1	1	...	...	...	4	...	...	0·12	·21
	Total ...	85	293	695	915	837	280	225	133	55	61	45	32	2,506	1,150	3,656	4·08	3·15	3·73	8·95

TABLE of Deaths registered from MALARIA by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A	Upper Colaba	...	...	...	...	...	...	...	1	...	...	...	1	...	...	2	...	...	·52	·26
	Middle and Lower Colaba	1	...	4	...	2	...	1	...	...	...	3	...	...	...	11	...	...	·71	·40
	Fort South	...	...	...	1	1	...	...	2	1	1	...	...	...	...	6	...	...	1·52	·52
	Fort North	...	3	2	1	...	1	8	5	5	1	2	3	...	...	31	...	...	1·07	·83
	Esplanade	2	5	2	3	1	4	3	3	2	2	2	1	...	...	30	...	...	2 72	1·65
B	Mandvi	...	3	1	...	1	1	1	...	...	4	1	1	...	...	13	...	...	·84	·54
	Chukla	...	...	...	...	...	...	1	...	...	...	1	1	...	...	3	...	...	·10	·81
	Umarkhadi	5	...	3	2	1	3	6	...	3	8	5	4	...	...	40	...	...	·74	·55
	Dongri	1	1	1	1	1	...	1	...	...	5	11	...	...	...	22	...	...	·67	·63
C	Market	1	...	3	...	...	...	1	...	...	1	2	1	...	...	9	...	...	·25	·41
	Dhobi Talao	2	2	3	...	1	...	...	...	1	3	...	2	...	...	14	...	...	·38	·31
	Fanaswadi	...	1	1	...	...	...	...	1	...	...	...	...	...	...	3	...	...	·10	·18
	Bhuleshwar	1	2	...	...	3	2	2	1	2	1	...	...	...	...	14	...	...	·36	·32
	Khara Talao	1	...	...	...	1	...	...	...	1	...	1	2	...	...	6	...	...	·22	·22
	Kumbharwada	1	...	1	...	...	...	...	...	...	...	2	...	...	...	4	...	...	·12	·03
D	Khetwadi	...	...	...	...	...	1	2	2	...	...	1	...	...	...	6	...	...	·17	·12
	Girgaum	1	...	...	...	1	...	2	2	...	2	...	1	...	...	9	...	...	·31	·19
	Chaupati	...	2	...	1	1	...	1	...	1	1	...	...	...	...	7	...	...	·53	·25
	Walkeshwar	...	...	1	...	1	...	...	...	...	...	...	1	...	...	3	...	...	·23	·40
	Mahalakshmi	...	...	...	...	1	...	...	...	1	...	2	...	...	...	4	...	...	·16	·08
E	Mazagaon	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2	...	...	·06	·19
	Tarwadi	...	...	1	...	...	...	1	2	3	4	3	6	...	...	20	...	...	·76	·48
	2nd Nagpada	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	·04	·09
	Kamathipura	1	...	...	...	...	...	...	...	...	...	1	1	...	...	3	...	...	·08	·11
	Tardeo	...	...	...	...	...	...	...	...	1	2	1	...	...	...	4	...	...	·14	·08
	Byculla	...	...	1	1	...	...	...	2	...	...	2	...	...	...	6	...	...	·07	·11
	1st Nagpada	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·29	·20
F	Parel	...	1	...	...	1	...	...	...	...	1	...	...	...	...	3	...	...	·06	·04
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·06
	Sion	...	...	1	1	...	...	...	1	1	...	...	2	...	...	6	...	...	·19	·10
G	Mahim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·06
	Worli	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	·01	·04
	Harbour, Docks, Railways and Homeless	...	1	...	1	...	...	2	1	2	...	...	2	...	...	9	...	...	·27	·15
	Total	18	21	25	13	17	12	33	23	24	37	41	29	215	78	293	·35	·21	·29	·26

TABLE of Deaths registered from ENTERIC FEVER by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	...	...	1	...	...	...	1	...	1	...	...	...	3	...	3	...	...	·79	·26
	Middle and Lower Colaba	1	1	1	...	...	1	...	...	1	...	...	1	6	...	6	...	...	·89	·20
	Fort South	...	...	...	...	1	...	...	...	...	1	...	...	2	...	2	...	...	·50	·52
	Fort North	2	1	1	2	...	...	1	2	...	1	1	1	12	...	12	...	...	·41	·14
	Esplanade	...	...	...	2	1	1	1	2	...	1	1	2	11	...	11	...	...	·99	·64
B.	Mandvi	...	...	1	...	...	...	...	...	...	...	1	...	2	...	2	...	...	·05	·10
	Chukla	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	·03	·03
	Umarkhadi	1	2	1	...	...	2	...	...	1	1	...	3	10	...	10	...	...	·18	·07
	Dongri	...	...	1	...	1	...	...	...	...	...	...	...	2	...	2	...	...	·06	·03
C.	Market	1	1	...	...	...	...	1	1	...	1	...	...	5	...	5	...	...	·14	·08
	Dhobi Talao	...	...	3	1	3	...	2	3	1	1	1	1	16	...	16	...	...	·43	·22
	Panaswadi	...	...	...	...	...	...	...	...	...	2	...	1	3	...	3	...	...	·10	·15
	Bhuleshwar	...	1	...	...	...	2	...	...	...	...	...	...	3	...	3	...	...	·07	·05
	Khara Talao	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	·03	·03
	Kumbharwada	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	·03	·03
D.	Khetwadi	...	...	1	1	1	1	1	1	...	1	...	...	7	...	7	...	...	·20	·18
	Girgaum	...	...	2	...	...	...	...	1	1	1	...	...	5	...	5	...	...	·17	·19
	Chaupati	...	...	...	...	...	...	1	1	...	...	1	...	3	...	3	...	...	·23	·16
	Walkeshwar	...	...	...	...	...	...	1	...	...	...	...	1	2	...	2	...	...	·16	·08
	Mahalakshmi	...	2	...	...	...	...	...	1	1	2	...	...	6	...	6	...	...	·24	·12
E.	Mazagaon	...	...	1	...	...	...	...	1	1	1	1	...	5	...	5	...	...	·16	·15
	Tarwadi	...	1	1	1	...	2	1	...	...	...	...	...	6	...	6	...	...	·22	·44
	2nd Nagpada	1	...	...	...	...	...	...	1	1	...	...	...	3	...	3	...	...	·13	·04
	Kamathipura	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	·02	·02
	Tardeo	...	...	1	...	1	2	...	1	1	...	1	1	8	...	8	...	...	·28	·11
	Byculla	2	...	...	3	...	...	3	2	...	2	...	...	11	...	11	...	...	·14	·06
	1st Nagpada	...	...	...	...	...	...	...	1	...	2	...	...	3	...	3	...	...	·89	·20
F.	Parel	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	·02	·06
	Sewri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....
	Sion	...	...	...	...	1	...	...	...	1	1	...	...	3	...	3	...	...	·09	·05
G.	Mahim	1	...	...	1	...	...	...	...	...	...	...	...	2	...	2	...	...	·06	·09
	Worli	1	...	1	...	...	...	2	...	...	1	...	...	5	...	5	...	...	·07	·04
	Harbour, Docks, Railways and Homeless	1	...	...	...	1	...	2	2	...	1	...	...	7	...	7	...	...	·21	·12
	Total	11	9	16	12	10	11	18	20	11	20	7	11	112	44	156	·18	·12	·15	·10

TABLE of Deaths registered from FEVERS (excluding MALARIAL and ENTERIC FEVERS) by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	·26	·26
	Middle and Lower Colaba	2	2	1	4	4	6	4	2	3	4	5	...	...	...	41	...	...	2·67	2·55
	Fort South	1	1	...	...	2	1	2	1	1	1	1	1	...	...	12	...	...	3·04	1·57
	Fort North	4	6	9	8	7	12	19	11	11	18	10	11	...	...	126	...	...	4·37	4·20
	Esplanade	7	6	14	12	10	16	13	5	10	7	12	7	...	...	119	...	...	10·80	7·25
B.	Mandvi	14	9	17	8	15	8	13	10	14	23	22	22	...	...	175	...	...	4·58	3·17
	Chukla	7	8	8	7	4	3	3	3	10	9	8	5	...	...	75	...	...	2·55	1·79
	Umarkhadi	10	15	11	15	13	14	7	12	9	8	8	1	...	...	153	...	...	2·29	4·01
	Dongri	10	2	5	2	2	3	8	1	4	12	17	5	...	...	71	...	...	2·17	4·79
C.	Market	5	7	7	6	5	3	5	4	4	7	8	7	...	...	68	...	...	1·92	2·15
	Dhobi Talao	6	4	10	7	7	11	9	9	11	9	6	13	...	...	101	...	..	2·76	2·64
	Fanaswadi	1	6	2	3	1	8	6	6	3	2	5	5	...	...	48	...	...	1·64	2·33
	Bhuleshwar	...	1	1	11	2	5	8	5	4	8	15	10	...	...	70	...	...	1·83	2·51
	Khara Talao	1	3	2	1	1	...	1	1	3	4	3	2	...	...	22	...	...	·81	4·88
	Kumbharwada	3	7	1	...	3	...	...	...	1	1	...	2	...	...	18	...	...	·54	3·08
D.	Khotwadi	2	6	2	10	6	7	5	5	4	4	3	5	...	...	59	...	...	1·75	2·29
	Girgaum	3	5	4	3	6	3	4	4	4	9	7	5	...	...	57	...	...	2·00	2·13
	Chaupati	...	...	...	1	1	...	1	1	...	1	1	1	...	...	7	...	...	·53	1·35
	Walkeshwar	1	2	2	...	...	...	1	1	1	...	3	...	...	...	11	...	...	·86	1·06
	Mahalakshmi	7	11	2	3	8	6	4	9	8	4	4	3	...	...	69	...	...	2·79	3·64
E.	Mazagaon	14	18	14	10	10	9	19	4	5	15	7	10	...	...	135	...	...	4·37	4·85
	Tarwadi	15	19	11	9	8	9	13	7	11	25	11	15	...	...	153	...	...	5·82	5·90
	2nd Nagpada	8	7	13	10	10	10	6	9	7	11	5	5	...	...	101	...	...	4·58	4·96
	Kamathipura	12	11	12	22	17	13	13	12	14	23	20	11	...	...	180	...	...	4·93	5·44
	Tardeo	7	5	13	6	12	4	13	12	8	7	13	10	...	...	110	..	...	3·90	5·23
	Byculla	19	33	26	15	17	16	26	21	15	14	17	18	...	...	237	...	...	3·10	5·12
	1st Nagpada	...	1	1	...	1	1	1	2	1	1	...	2	...	...	11	...	...	3·29	2·09
F.	Parel	7	7	6	6	12	10	11	13	9	20	10	7	...	...	118	...	...	2·51	2·57
	Sewri	3	5	7	1	2	3	5	2	4	7	1	2	...	...	47	...	...	2·94	2·87
	Sion	4	5	5	4	6	6	4	9	3	1	10	10	...	...	67	...	...	2·19	3·18
G.	Mahim	3	3	2	4	5	...	2	6	2	2	3	3	...	...	40	...	...	1·28	1·70
	Worli	21	6	17	13	15	10	21	14	10	18	14	20	...	...	179	...	...	2·57	2·75
	Harbour, Docks, Railways and Homeless	...	2	2	1	1	2	...	...	...	1	2	2	...	...	13	...	...	·40	·72
	Total ...	197	223	227	202	213	204	247	203	193	276	255	224	1,660	1,004	2,664	2·70	2·75	2·72	3·38

TABLE of Deaths registered from DIARRHŒA and DYSENTERY by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	1	...	...	1	...	...	1	1	...	1	1	1	...	...	7	...	...	1·85	2·62
	Middle and Lower Colaba	4	4	3	4	3	4	5	7	6	6	2	10	...	...	58	...	...	3·78	2·62
	Fort South	1	...	...	...	...	2	1	1	...	...	1	...	...	...	6	...	...	1·52	1·04
	Fort North	7	6	8	12	5	6	10	7	5	8	11	12	...	...	97	...	...	3·37	2·86
	Esplanade	4	7	5	8	24	5	5	9	2	3	3	4	...	...	79	...	...	7·17	5·50
B.	Mandvi	6	5	4	4	3	2	6	9	1	6	4	4	...	...	54	...	...	1·41	1·87
	Chakla	2	1	2	2	4	2	4	3	2	2	5	6	...	...	35	...	...	1·19	1·93
	Umarkhadi	8	11	18	8	7	15	35	18	6	7	19	11	...	...	166	...	...	3·09	3·76
	Dongri	11	6	5	10	3	8	14	17	12	11	4	8	...	...	109	...	...	3·83	5,62
C.	Market	4	3	7	2	...	1	8	5	4	1	1	7	...	...	45	...	...	1·21	2·03
	Dhobi Talao	4	2	12	6	8	4	13	11	14	7	13	7	...	...	101	...	...	2·76	2·69
	Fanaswadi	4	7	6	1	6	5	8	8	3	6	3	10	...	...	67	...	...	2·29	1·98
	Bhuleshwar	11	21	10	10	15	7	12	6	13	10	9	19	...	...	145	...	...	3·75	2·54
	Khara Talao	7	8	9	9	6	13	11	13	12	7	7	4	...	...	105	...	...	3·93	4·78
	Kumbharwada	5	5	10	3	5	9	10	11	2	6	12	10	...	...	88	...	...	2·68	3·30
D.	Khetwadi	8	4	13	7	7	10	9	13	6	8	5	5	...	...	95	...	...	2·82	3·15
	Girgaum	4	5	4	1	1	3	7	5	7	2	4	3	...	...	46	...	...	1·61	2·40
	Chunpati	...	2	1	...	...	2	3	1	2	2	1	3	...	...	17	...	...	1·30	1·86
	Walkeshwar	2	1	...	1	...	3	3	2	2	1	...	2	...	...	17	...	...	1·34	1·54
	Mahalakshmi	3	8	3	7	5	6	11	8	4	9	10	9	...	...	83	...	...	3·36	3·17
E.	Mazagaon	6	6	16	7	9	10	11	10	7	8	3	12	...	...	105	...	...	3·10	5·05
	Tarwadi	16	17	11	12	15	9	19	15	13	11	13	22	...	...	173	...	...	6·58	8·67
	2nd Nagpada	7	11	17	10	9	9	15	15	11	10	10	11	...	...	135	...	...	6·13	4·35
	Kamathipura	6	13	12	2	10	5	18	17	13	3	8	24	...	...	151	...	...	3·59	5·30
	Tardeo	11	12	13	10	3	15	20	18	12	14	14	7	...	...	149	...	...	5·28	4·63
	Byculla	30	16	29	41	31	32	52	48	50	43	35	28	...	...	435	...	...	5·70	4·86
	1st Nagpada	...	2	1	1	2	...	2	3	1	...	1	...	...	...	13	...	...	3·89	2·71
F.	Parel	17	13	18	10	5	9	23	28	13	13	9	9	...	...	167	...	...	3·55	3·72
	Sewri	4	4	8	10	7	5	14	11	6	6	3	9	...	...	87	...	...	5·14	4·61
	Sion	7	5	11	4	6	7	12	17	9	9	5	8	...	...	100	...	...	3·27	4·61
G.	Mahim	13	11	6	5	8	6	19	15	17	7	12	12	...	...	131	...	...	4·20	4·99
	Worli	20	23	25	25	16	18	36	43	20	22	15	19	...	...	282	...	...	4·05	5·20
	Harbour, Docks, Railways and Homeless ...	17	5	2	3	...	...	...	...	...	...	...	...	...	...	27	...	...	·83	·39
	Total ...	250	244	289	236	223	232	417	395	275	249	243	290	1,839	1,513	3,352	3·00	4·14	·42	3·71

TABLE of Deaths registered from TUBERCLE OF LUNGS including other TUBERCULAR DISEASES

by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	...	...	2	...	1	1	...	2	1	2	...	1	...	...	10	...	...	2·64	·53
	Middle and Lower Colaba	1	1	...	...	1	...	...	...	...	1	...	1	...	...	5	...	...	·32	·40
	Fort South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·52
	Fort North	3	3	3	2	1	1	2	4	3	4	4	3	...	...	33	...	...	1·14	·65
	Esplanade	1	2	2	3	2	...	...	3	2	1	1	1	...	...	18	...	...	1·63	2·47
B.	Mandvi	3	2	3	1	2	2	1	1	...	2	...	2	...	...	19	...	...	·49	·33
	Chukla	...	2	1	1	...	...	1	2	...	...	...	...	...	...	7	...	...	·23	·59
	Umarkhadi	11	13	14	6	12	9	12	10	6	11	11	7	...	...	122	...	...	2·27	2·52
	Dongri	1	1	...	3	5	4	1	7	1	2	4	3	...	...	32	...	...	·97	1·27
C.	Market	1	1	3	1	1	...	1	...	2	1	3	3	...	...	17	...	...	·48	·53
	Dhobi Talao	4	1	1	5	...	1	4	1	3	3	1	1	...	...	25	...	...	·68	·71
	Fanaswadi	...	...	1	...	...	1	3	1	1	...	1	...	...	...	8	...	...	·27	·30
	Bhuleshwar	1	3	5	3	4	3	2	...	2	3	1	...	...	...	27	...	...	·70	·49
	Khara Talao	...	1	2	3	5	1	...	1	...	1	...	...	...	...	14	...	...	·51	·34
	Kumbharwada	1	...	1	...	...	2	1	...	1	2	...	...	...	...	8	...	...	·24	·38
D.	Khetwadi	1	2	4	2	...	2	2	4	2	4	...	...	...	...	23	...	...	·68	·55
	Girgaum	...	2	1	4	...	2	1	...	...	...	...	...	...	...	10	...	...	·35	·69
	Chaupati	...	...	...	...	...	...	...	3	...	...	1	...	...	...	4	...	...	·30	·60
	Walkeshwar	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	·07	·32
	Mahalakshmi	1	2	...	...	1	1	[illegible]	...	...	1	...	...	...	...	6	...	...	·24	·12
E.	Mazagaon	...	3	1	...	1	1	2	...	...	1	...	...	...	...	9	...	...	·29	·26
	Tarwadi	4	3	4	3	6	1	1	2	3	6	2	5	...	...	32	...	...	1·48	1·24
	2nd Nagpada	2	...	1	1	2	...	...	...	2	1	...	1	...	...	10	...	...	·45	·56
	Kamathipura	1	4	3	3	3	2	1	...	1	1	1	2	...	...	22	...	...	·60	·60
	Tardeo	2	...	...	1	3	1	4	...	1	2	...	1	...	...	15	...	...	·53	·37
	Byculla	2	1	1	9	3	4	4	4	4	1	1	1	...	...	35	...	...	·45	·35
	1st Nagpada	2	...	...	...	2	...	1	...	...	1	...	1	...	...	7	...	...	2·09	·62
F.	Parel	...	...	...	1	...	1	...	1	1	1	1	2	...	...	8	...	...	·17	·18
	Sewri	...	1	2	...	...	...	...	...	...	2	1	1	...	...	7	...	...	·43	·06
	Sion	1	...	...	1	...	...	1	1	...	...	...	...	...	...	4	...	...	·13	·13
G.	Mahim	1	...	...	1	1	...	1	...	...	1	...	1	...	...	6	...	...	·19	·18
	Worli	...	1	...	...	...	...	3	...	...	1	...	...	...	...	5	...	...	·07	·12
	Harbour, Docks, Railways and Homeless	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	·03	·15
	Total	44	50	55	54	57	40	49	47	36	55	33	37	273	284	557	·44	77	·56	·58

TABLE of Deaths registered from RESPIRATORY DISEASES (including Phthisis) by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	...	1	...	1	2	2	1	...	3	1	...	3	...	...	14	...	...	3·70	4·19
	Middle and Lower Colaba	13	9	17	11	10	17	7	10	5	12	13	12	...	...	136	...	...	8·88	11·10
	Fort South	1	...	...	1	...	2	...	2	...	1	2	1	...	...	10	...	...	2·55	3·14
	Fort North	26	25	28	26	18	21	23	18	24	19	22	33	...	...	285	...	...	9·88	11·51
	Esplanade	15	20	10	12	7	7	9	5	8	13	10	12	...	...	128	...	...	11·62	15·05
B.	Mandvi	30	33	48	36	32	32	30	34	37	36	33	36	...	...	417	...	...	10·92	15·97
	Chukla	51	42	47	41	31	31	19	31	33	31	29	28	...	...	394	...	...	13·41	16·95
	Umarkhadi	68	70	62	65	85	55	76	55	58	65	63	65	...	...	787	...	...	14·68	16·03
	Dongri	27	42	38	31	31	38	30	29	40	34	35	39	...	...	410	...	...	12·55	14·06
C.	Market	21	20	27	19	28	18	25	16	35	22	18	23	...	...	267	...	...	7·56	8·22
	Dhobi Talao	33	29	33	21	22	27	43	39	35	17	31	25	...	...	359	...	...	9·81	10·82
	Fanaswadi	22	23	26	16	8	17	21	19	16	16	20	30	...	...	233	...	...	7·96	9·60
	Bhuleshwar	68	45	49	34	45	49	51	41	50	36	37	35	...	...	540	..	...	14·16	14·69
	Khara Talao	36	40	51	35	46	38	36	28	33	28	25	31	...	...	412	...	...	15·29	15·93
	Kumbharwada	40	38	36	39	39	31	28	29	27	36	39	33	...	...	410	...	...	12·50	14·49
D.	Khetwadi	24	19	10	20	26	24	29	30	25	25	28	37	...	...	297	...	...	8·84	10·71
	Girgaum	20	24	25	28	32	28	21	25	24	25	30	45	...	...	317	...	...	11·14	11·30
	Chaupati	5	8	5	8	6	11	5	6	7	8	7	9	...	...	85	...	...	6·52	7·90
	Walkeshwar	6	5	8	6	5	2	4	7	4	2	4	8	...	...	61	...	...	4·80	5·46
	Mahalakshmi	8	7	8	8	16	14	17	15	5	6	16	15	...	...	135	...	...	5·47	8·86
E.	Mazagaon	24	27	41	25	31	23	28	25	19	20	25	99	...	...	317	...	...	10·26	12·34
	Tarwadi	31	17	30	15	28	27	25	23	23	26	32	37	...	...	314	...	...	11·94	14·72
	2nd Nagpada	33	34	30	36	27	17	33	24	23	15	28	28	...	...	338	...	...	15·35	19·64
	Kamathipura	53	32	52	60	31	38	47	50	35	47	45	59	...	...	549	...	...	15·04	17·31
	Tardeo	33	27	23	31	20	18	22	20	18	35	22	18	...	...	287	...	...	10·17	15·17
	Byculla	75	93	87	73	74	59	76	72	74	74	60	59	...	...	876	...	...	11·48	16·09
	1st Nagpada	4	2	9	5	6	4	5	5	3	3	5	1	...	...	52	...	...	16·59	8·15
F.	Parel	49	35	41	35	31	32	44	36	37	33	29	45	...	...	447	...	...	9·51	12·81
	Sewri	5	12	11	11	9	10	12	17	12	17	12	12	...	...	140	...	...	8·75	10·37
	Sion	32	24	32	22	36	27	29	26	11	24	24	22	...	...	309	...	...	10·12	9·38
G.	Mahim	32	25	29	24	42	27	17	21	32	26	33	33	...	...	340	...	...	10·90	11·63
	Worli	67	50	91	69	72	59	78	77	67	61	59	59	...	...	809	...	...	11·64	14·69
	Harbour, Docks Railways and Homeless	1	1	2	4	1	2	2	1	...	2	2	3	...	...	21	...	...	·65	·72
	Total	923	873	1,006	863	892	787	899	846	823	815	838	929	5,547	4,947	10,494	9·04	13·56	10·73	12·92

TABLE of Deaths registered from INJURIES by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·78
	Middle and Lower Colaba	2	...	1	...	1	2	...	...	1	1	4	...	12	...	12	...	...	·78	1·21
	Fort South	...	1	...	...	...	...	...	...	1	...	...	1	3	...	3	...	...	·76	·78
	Fort North	3	2	2	2	3	3	1	...	2	2	1	2	21	...	21	...	...	·72	·94
	Esplanade	7	5	4	8	4	2	1	5	1	4	2	5	49	...	49	...	...	4·44	4·19
B.	Mandvi	2	...	1	...	2	1	12	1	...	1	4	4	28	...	28	...	...	·73	·65
	Chakla	...	...	1	1	2	2	...	1	1	...	4	4	18	...	18	...	...	·61	·66
	Umarkhadi	3	5	1	3	1	4	3	7	4	4	...	4	32	...	32	...	...	·72	·66
	Dongri	...	1	...	3	...	3	...	1	2	6	...	1	17	...	17	...	...	·52	·79
C.	Market	2	2	1	2	...	1	...	1	1	1	1	3	15	...	15	...	...	·42	·73
	Dhobi Talao	3	3	2	3	1	2	1	2	3	4	2	2	28	...	28	...	...	·76	·82
	Fanaswadi	...	...	1	1	3	2	...	...	...	1	...	2	11	...	11	...	...	·37	·52
	Bhuleshwar	3	3	2	2	1	3	2	2	2	...	1	3	25	...	25	...	...	·65	·76
	Khara Talao	2	3	...	2	2	1	...	2	1	7	...	1	21	...	21	...	...	·77	1·18
	Kumbharwada	...	2	...	3	3	2	...	...	1	2	2	1	16	...	16	...	...	·48	·53
D.	Khetwadi	3	2	1	1	2	1	1	...	3	2	1	5	22	...	22	...	...	·65	·46
	Girgaum	2	1	1	1	1	1	...	2	1	...	...	2	12	...	12	...	...	·42	·50
	Chaupati	...	1	1	...	...	...	1	1	1	1	...	...	6	...	6	...	...	·46	·59
	Walkeshwar	...	1	3	3	...	1	1	...	...	...	1	1	10	...	10	...	...	·78	·48
	Mahalakshmi	2	1	1	...	...	...	1	...	1	...	...	...	6	...	6	...	...	·24	·47
E.	Mazagaon	...	1	...	1	...	4	...	1	1	1	3	3	18	...	18	...	...	·58	·79
	Parwadi	3	6	7	6	5	4	5	6	8	10	4	9	68	...	68	...	...	2·58	2·91
	2nd Nagpada	2	...	2	...	1	...	1	2	2	...	...	...	10	...	10	...	...	·45	·75
	Kamathipura	4	1	6	5	5	2	1	...	2	3	1	2	32	...	32	...	...	·87	·72
	Tarico...	...	1	1	1	1	...	1	...	3	2	2	1	15	...	15	...	...	·46	·18
	Byculla	3	5	5	3	3	6	4	4	3	2	7	10	51	...	51	...	...	·70	·52
	1st Nagpada	...	...	1	...	...	2	1	2	...	1	1	...	8	...	8	...	...	2·39	·41
F.	Parel	...	2	4	2	...	2	5	2	...	2	2	3	24	...	24	...	...	·51	·65
	Sewri	1	1	2	2	...	1	...	1	2	...	...	2	12	...	12	...	...	·75	·61
	Sion	...	1	...	1	2	5	1	6	...	1	...	2	19	...	19	...	...	·62	·61
G.	Mahim	1	3	2	2	1	1	...	1	1	1	3	2	18	...	18	...	...	·57	·62
	Worli	9	2	1	2	1	3	7	1	...	2	2	2	32	...	32	...	...	·46	·60
	Harbour, Docks, Railways and Homeless	5	4	2	5	2	5	2	3	3	1	1	2	34	...	34	...	...	1·05	1·02
	Total	65	63	55	65	44	66	53	54	48	62	49	77	513	188	701	·83	·51	·71	·78

TABLE of Deaths registered from OTHER CAUSES by Section and Month in 1910.

1	2	3												4			5			6
Ward.	SECTION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males	Total. Females	Total.	Death Ratio per 1,000 of population. Males.	Females.	Total.	Mean Ratio per 1,000 of population during the previous 5 years.
A.	Upper Colaba	6	4	5	1	3	2	3	5	1	9	4	6	...	...	19	...	...	12·98	8·92
	Middle and Lower Colaba	15	8	16	11	5	10	12	19	9	8	9	20	...	...	142	...	...	9·27	9·69
	Fort South	1	2	4	2	3	1	1	1	...	1	1	2	...	...	19	...	...	4·81	6·02
	Fort North	36	28	35	28	28	28	39	37	33	26	19	35	...	...	372	...	...	12·92	13·83
	Esplanade	24	11	10	15	9	8	11	16	12	17	8	5	...	...	146	...	...	13·25	15·42
B.	Mandvi	44	43	38	38	32	34	36	42	38	45	45	24	...	...	461	...	...	12·08	13·55
	Chakla	40	25	51	42	34	40	39	37	42	32	45	42	...	...	469	...	...	15·97	14·70
	Umarkhadi	54	49	58	53	53	44	68	69	59	62	56	52	...	...	677	...	...	12·62	13·06
	Dongri	33	33	23	30	28	26	45	29	31	26	43	36	...	...	382	...	...	11·69	12·17
C.	Market	35	29	35	23	30	29	34	31	15	29	27	29	...	...	344	...	...	9·74	10·40
	Dhobi Talao	41	47	31	36	37	25	39	40	44	42	39	46	...	...	467	...	...	12·76	12·93
	Fanaswadi	28	25	16	15	16	15	24	26	28	29	25	22	...	...	269	...	...	8·89	9·37
	Bhuleshwar	30	22	39	30	34	29	43	28	40	38	43	43	...	...	449	...	...	11·77	12·06
	Khara Talao	35	32	41	40	34	34	47	39	45	35	32	27	...	...	441	...	...	16·37	17·15
	Kumbharwada	30	18	31	34	25	19	34	25	38	25	29	41	...	...	349	...	...	10·64	10·96
D.	Khetwadi	36	27	26	36	23	27	35	32	21	28	24	32	...	...	347	...	...	10·33	10·99
	Girgaum	30	23	37	22	21	29	42	33	29	32	35	27	...	...	366	...	...	12·86	13·83
	Chaupati	8	5	10	18	5	11	9	13	6	11	7	11	...	...	113	...	...	8·67	11·12
	Walkeshwar	4	7	4	10	5	6	9	7	9	4	7	11	...	...	83	...	...	6·64	8·23
	Mahalakshmi	20	18	17	15	14	17	22	28	19	16	19	15	...	...	220	...	...	8·92	9·61
E.	Mazagaon	33	35	44	49	38	28	39	46	44	46	31	47	...	...	483	...	...	15·64	15·12
	Tarwadi	33	44	32	29	42	36	45	40	41	39	32	46	...	...	465	...	...	17·73	19·62
	2nd Nagpada	18	33	48	38	34	29	38	38	46	41	21	28	...	...	419	...	...	19·98	20·53
	Kamathipura	60	82	49	64	50	42	59	68	59	59	56	71	...	...	669	...	...	18·32	19·72
	Tardeo	27	23	32	29	17	36	30	25	28	21	31	...	...	...	331	...	...	11·74	14·35
	Byculla	86	82	86	94	77	88	97	108	107	85	69	93	...	...	1,072	...	...	14·05	14·88
	1st Nagpada	4	1	8	5	4	2	5	4	7	4	4	7	...	...	65	...	...	16·49	8·36
F.	Parel	37	35	51	31	44	27	38	43	33	31	26	47	...	...	443	...	...	9·43	10·98
	Sewri	19	20	15	18	18	9	10	11	8	9	7	11	...	...	155	...	...	9·69	10·30
	Sion	38	34	31	22	35	23	33	17	36	36	28	28	...	...	356	...	...	11·66	15·18
G.	Mahim	41	16	27	32	20	20	24	37	28	18	31	29	...	...	323	...	...	10·35	10·74
	Worli	67	65	74	60	62	47	62	74	76	55	76	59	...	...	777	...	...	11·18	10·74
	Harbour, Docks, Railways and Homeless	13	5	5	2	1	2	...	2	1	1	...	3	...	...	35	...	...	1·08	·93
	Total	1,046	887	1,027	1,002	900	804	1,080	1,074	1,030	958	928	1,025	5,976	5,785	11,761	9·74	15·85	12·02	12·89

COMPARATIVE TABLE of Deaths from some of the PRINCIPAL CAUSES during 1910 and the preceding 5 years.

YEAR.	Cholera.		Small-pox.		Measles.		Plague.		Malaria.		Enteric Fever.		Other Fevers.		Diarrhœa and Dysentery.		Tubercle including Tubercle of Lungs.		Respiratory System.				Injuries.		All other Causes.		Total Deaths.	
																			Phthisis.		Other Diseases of the Respiratory System.							
	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.	No. of deaths.	Rate per 1,000.
1905 ...	20	·03	2,161	2·78	620	·79	14,198	18·29	267	·34	60	·07	2,551	3·28	3,391	4·36	625	·80	2,558	3·29	9,103	11·73	646	·83	11,556	14·89	47,762	61·54
1906 ...	1,341	1·26	276	·23	936	·95	10,823	11·06	190	·19	134	·13	4,558	4·66	4,778	5·09	485	·49	3,567	3·64	11,731	11·99	714	·73	13,441	13·54	52,874	54·07
1907 ...	439	·44	86	·08	107	·10	6,389	6·53	149	·15	116	·11	3,368	3·44	3,489	3·56	563	·57	2,877	2·94	9,022	9·22	813	·83	11,269	11·52	38,687	39·56
1908 ...	95	·09	1,026	1·04	653	·66	5,361	5·48	331	·33	111	·11	2,961	3·02	3,184	3·25	636	·65	2,387	2·44	8,954	9·16	808	·82	11,764	12·03	38,271	39·18
1909 ...	727	·74	473	·48	75	·07	5,197	5·31	293	·29	92	·09	2,415	2·45	2,585	2·64	447	·45	2,415	2·46	7,974	8·15	698	·71	11,487	11·74	34,878	35·40
Mean of the preceding 5 years.	506	·53	804	·85	478	·50	8,394	8·95	246	·26	103	·10	3,171	3·38	3,485	3·71	551	·58	2,761	2·94	9,356	9·98	736	·78	11,903	12·69	42,494	45·32
1910 ...	107	·10	1,008	1·03	184	·18	3,656	3·73	293	·29	156	·15	2,664	2·72	3,352	3·42	557	·56	2,282	2·33	8,212	8·39	701	·71	11,761	12·02	34,933	35·72

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SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London.

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	GENERAL DISEASES.													
1	Small-pox	76	138	309	260	139	53	15	5	4	3	...	6	1,008
3	Chicken-pox	...	1	5	...	...	2	...	...	1	...	1	...	10
4	Measles	6	11	11	11	25	9	11	8	6	10	25	51	184
8	Plague	85	293	695	915	887	280	225	133	55	61	45	32	3,656
9	Relapsing Fever	5	5	2	3	2	3	3	5	2	1	3	...	34
11	Influenza	...	...	...	...	1	...	...	...	...	...	1	1	3
12	Whooping Cough	...	1	...	1	2	1	1	...	...	3	2	...	11
13	Mumps	...	...	2	1	...	...	...	1	1	...	...	...	5
14	Diphtheria	...	...	...	...	...	...	...	1	1	...	...	...	2
17	Enteric Fever	11	9	16	12	10	11	18	20	11	20	7	11	158
18	Cholera	6	3	3	5	1	2	16	9	5	10	4	42	107
20	Diarrhœa	141	150	190	145	150	162	288	252	168	157	165	187	2,155
21	Dysentery	109	94	99	91	73	70	129	143	107	92	78	112	2,197
23	Beri-Beri	2	1	1	...	...	...	...	1	...	1	...	...	6
24	Malarial Fever	18	21	25	18	17	12	33	23	24	37	41	29	293
	Ague and Remittent	192	218	225	199	211	201	241	198	191	275	262	224	2,630
25	Phagedæna	...	...	...	...	2	...	...	...	...	...	...	...	2
26	Erysipelas	3	1	1	1	3	3	2	1	1	1	...	2	19
27	Pyæmia	...	1	...	1	...	1	1	3	1	2	1	2	13
28	Septicæmia	2	2	2	1	9	3	8	5	5	2	3	2	44
	„ Puerperal	37	36	35	33	32	18	28	35	31	29	45	35	394
29	Tetanus	9	2	16	14	4	3	...	8	6	4	8	6	80
30	Tubercle	...	...	...	...	...	1	...	...	...	...	...	...	1
	Tubercle of Lungs	13	16	18	9	16	17	13	10	3	16	11	15	157
	Other Tubercular Affections	31	34	37	45	41	23	36	37	33	39	22	22	400
31	Leprosy	7	5	6	2	4	4	7	5	11	13	3	5	72
33	Syphilis	8	2	6	9	5	3	3	2	3	8	...	8	62
	„ Secondary	1	2	1	...	...	...	2	1	2	1	1	1	12
	„ Tertiary	1	...	1	...	1	2	3	...	1	...	...	...	9
	„ Congenital	3	...	...	...	1	...	...	...	2	1	...	...	7
	Syphilitic Laryngitis	...	...	...	...	1	...	...	...	...	...	...	...	1
	„ Gumma	...	...	...	...	...	...	...	...	...	...	...	1	1
35	Hydrophobia	...	1	...	...	1	1	...	1	...	...	6	1	11
40	Worms	2	1	3	4	2	5	10	4	2	1	3	1	38
54	Scurvy	...	...	...	...	...	...	...	...	...	...	1	...	1
55	Alcoholism	...	1	2	...	...	...	2	1	...	1	...	...	7
58	Rheumatic Fever	2	...	...	...	4	...	3	...	5	...	...	...	14
59	Rheumatism	9	10	9	15	3	3	7	6	...	8	5	6	81
60	Gout	...	...	...	...	...	1	...	...	...	...	...	...	1
61	Arthritis	...	1	...	...	...	...	...	...	...	1	...	...	2
62	New Growth-Non-Malignant	1	2	2	2	1	2	...	1	...	1	1	...	13
	Sarcoma	...	...	...	...	1	...	...	1	...	2	1	1	6
	Scrofula	12	6	8	8	6	5	5	4	6	5	4	7	76
64	Malignant disease of liver, neck, &c.	...	...	...	3	...	...	...	...	...	1	1	1	6
	Cancer	6	3	3	5	1	2	16	9	6	10	4	42	107
65	Rickets	74	70	86	87	79	61	106	96	88	89	62	88	984
68	Anæmia	43	35	60	59	50	39	43	58	55	41	56	55	594
69	Chlorosis	...	...	...	1	2	...	...	...	...	...	...	...	3
70	Pernicious Anæmia	7	6	...	7	7	4	5	2	5	6	10	8	67
72	Leucocythæmia	...	1	1	...	...	...	...	...	...	...	...	...	2
75	Diabetes	2	3	3	2	3	7	5	6	4	2	3	2	42
	„ Coma	...	...	...	3	...	...	...	...	...	1	...	1	5
77	Immaturity at Birth	13	11	6	8	5	10	13	19	18	12	14	18	147
79	Debility	245	194	220	188	199	198	243	263	249	252	225	250	2,736
80	Old Age	201	146	190	155	147	130	148	180	131	139	173	179	1,929
	DISEASES OF THE NERVES SYSTEM.													
	General Nerves Debility	...	...	...	1	...	...	...	...	...	...	...	...	1
	SPINAL CORD.													
85	Myelitis Acute	...	...	...	1	1	...	...	...	3	...	...	...	5
	Anterior Polio Myelitis	...	...	...	1	...	...	1	...	...	...	...	...	2
87	Degeneration	...	...	...	...	...	...	...	...	...	...	...	...	...
	c—Locomotor Ataxy	...	...	1	...	...	...	...	...	...	...	1	...	2

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	DISEASES OF THE BRAIN AND ITS MEMBRANES. MEMBRANES.													
89	Meningitis	3	5	10	8	3	6	7	3	3	6	2	4	60
90	Hæmorrhage	8	3	6	8	3	4	9	6	4	7	7	6	71
91	Hydrocephalus	1	...	...	...	...	...	...	...	...	...	...	...	1
	BRAIN.													
92	Encephalitis	...	...	...	...	...	...	...	...	...	1	...	...	1
95	Softening	...	...	...	...	...	...	...	...	...	...	...	2	2
97	Congestion	...	...	...	...	1	...	...	1	...	...	...	...	2
	FUNCTIONAL NERVOUS DISEASES WITH OTHER DISEASES OF UNDERMINED NATURE.													
102	Apoplexy	2	1	2	3	4	1	2	1	...	2	1	1	20
103	Paralysis	16	6	7	13	8	4	6	6	4	9	6	6	85
	a—Paraplegia	1	...	1	...	1	...	...	2	2	1	2	...	10
	b—Hemiplegia	11	6	18	5	4	10	11	10	7	7	9	15	108
106	Bedsores	...	...	...	...	...	...	...	...	...	1	...	...	1
108	Shaking Palsys	...	...	...	...	...	...	...	...	...	...	...	1	1
117	Eclampsia—													
	Infantile	138	138	149	143	137	124	169	117	128	120	109	114	1571
	Puerperal	2	1	1	1	3	2	1	...	2	3	3	4	23
118	Epilepsy	5	1	7	3	1	5	1	1	1	4	2	...	31
127	Hysteria	...	...	...	...	1	...	...	...	...	...	...	...	1
133	Hiccough	...	...	...	...	...	...	...	...	1	...	...	...	1
	MENTAL DISEASES.													
137	Mania	...	...	...	...	...	...	...	...	...	...	2	...	2
	Post febrile	...	...	...	...	...	...	...	1	...	...	...	...	1
139	Dementia—													
	d—Epileptic	...	...	...	...	...	1	...	...	...	...	...	...	1
	Otorrhœa	...	1	...	2	...	...	...	...	...	1	...	...	4
	Suppurative from Ears	...	...	...	1	...	...	...	...	...	...	...	1	2
	Otitis media	...	1	...	...	...	...	...	...	...	...	...	1	2
265	Excessive growth of fat	...	...	...	...	...	...	...	...	...	...	...	1	1
266	Aneurism (of the heart)	...	...	...	...	...	...	...	...	1	1	3	1	7
	,, Thoracic	...	...	1	...	...	...	...	...	...	...	...	...	1
267	Rupture	...	...	...	1	...	...	...	...	...	...	...	...	1
	Rupture thoracic aneurism	...	1	...	...	...	...	...	...	...	...	...	...	1
268	Diseases of the coronary arteries	...	...	...	...	...	1	...	...	...	...	...	...	1
269	Clots in the heart	...	...	...	...	...	...	...	...	...	1	...	...	1
	a—Thrombosis	...	...	...	...	1	2	...	...	...	...	...	...	3
	Mitral Stenosis	...	...	...	...	...	...	1	...	...	1	...	1	3
	Aortic stenosis	...	...	...	...	...	...	...	...	...	...	1	...	1
	Weak heart	...	...	...	...	...	...	...	...	...	1	...	...	1
271	Angina Pectoris	...	2	3	1	1	...	...	...	2	...	1	1	10
272	Syncope	1	...	...	1	2	2	3	1	1	1	1	...	13
	DISEASES OF THE HEART AND ITS MEMBRANES. DISEASES OF THE MEMBRANES.													
252	Pericarditis	...	...	...	1	...	...	...	...	...	1	...	...	2
255	Hydrops-Pericarditis	...	...	1	...	...	...	...	...	...	...	...	...	1
	Cardiac Asthma	1	2	...	...	...	...	...	...	...	...	...	...	3
	,, Paroxysm	...	...	...	...	...	...	...	...	...	...	...	1	1
258	Endocarditis	...	1	1	1	...	...	1	...	...	...	...	...	3
259	Valv disease of heart	14	16	16	16	15	13	12	9	12	15	14	12	164
	1—Aortic	...	1	1	...	2	...	...	...	...	...	...	...	4
	2—Mitral	...	1	2	...	...	2	2	2	...	1	1	2	13
	Stoppage of heart	...	1	...	...	...	...	...	...	...	...	...	...	1
	Atheroma	1	...	...	...	...	...	...	...	...	...	...	...	1
	Heart failure	7	9	4	5	7	5	...	9	6	8	7	4	66
	DISEASES OF THE MUSCULAR SUBSTANCE.													
261	Degeneration	...	...	...	...	...	...	...	...	...	1	...	...	1
264	Dilatation	...	2	...	...	...	1	...	...	...	1	1	...	5

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	DISEASES OF THE BLOOD VESSELS.													
280	Aneurism Saccular	...	...	1	...	...	...	...	...	...	...	...	...	1
285	Obstructions or occlusion by a clot.													
	2—Embolism	...	...	...	...	...	...	...	1	...	...	...	1	2
	DISEASES OF THE VEINS.													
290	Thrombosis	...	1	...	...	...	...	...	1	2	1	...	...	5
	DISEASES OF THE RESPIRATORY SYSTEM NOT STRICTLY LOCAL.													
300	Croup	...	...	...	...	...	...	...	...	1	...	...	...	1
	DISEASES OF THE LARYNX.													
302	Laryngitis	2	...	...	...	...	...	...	...	...	...	...	...	2
	Ulceration	...	...	...	1	...	...	...	...	...	...	...	...	1
	DISEASES OF THE TRACHEA AND BRONCHI.													
315	Bronchitis	...	...	114	73	118	118	...	...	...	...	1	...	424
	a—Catarrhal	3	...	1	...	...	...	2	...	...	1	...	1	8
	b—Acute	78	100	61	54	25	29	105	90	90	79	95	97	903
	c—Chronic	154	106	128	125	92	79	158	158	147	150	127	158	1577
	Capillary	65	62	78	80	86	63	96	79	87	70	61	67	894
322	Spasmodic Asthma	107	80	95	85	102	69	72	90	82	96	95	92	1065
	DISEASES OF THE LUNG.													
323	Congestion	...	...	...	1	...	...	...	...	...	...	...	...	1
324	Hæmorrhage.													
	Hæmoptysis	...	2	...	...	...	...	...	...	...	1	...	...	3
325	Œdema	1	...	...	...	...	...	...	...	...	...	...	1	2
326	Pneumonia	184	194	302	147	164	136	128	134	128	133	155	168	1868
	a—Catarrhal	...	2	...	...	...	...	...	...	...	...	...	...	2
	b—Lobar Croupous	7	14	15	11	16	7	3	4	6	8	11	13	115
327	Broncho-Pneumonia	103	87	116	92	97	96	128	112	104	90	108	122	1255
330	Gangrene	...	...	1	...	...	1	...	...	...	...	...	...	2
331	Phthisis	214	219	190	187	188	182	201	176	171	177	176	201	2282
335	Emphysema	3	3	1	3	2	2	3	2	5	6	1	5	37
336	Atelectasis	...	2	...	...	1	2	2	1	1	1	3	1	14
337	Collapse	...	...	...	...	...	...	..	1	...	...	...	...	1
	DISEASES OF THE PLEURA.													
339	Pleurisy	2	1	4	3	1	3	1	4	5	2	4	2	32
340	Empyæmia	...	...	...	...	...	...	...	...	...	...	...	1	1
343	Pneumothorax	...	1	...	1	...	...	...	...	...	1	1	...	4
	DISEASES OF THE MOUTH.													
348	Stomatitis	...	...	2	...	...	..	1	2	...	...	...	...	5
350	Cancrum oris	...	...	...	...	...	2	...	...	...	1	...	..	3
	DISEASES OF THE TEETH, ALVEOLI AND GUMS.													
353	Disorders of the Dentition :—													
	Teething	16	9	15	15	12	16	47	19	15	18	16	11	209
	Alveolar abscess	...	...	...	...	...	...	...	...	...	...	1	...	1
	DISEASES OF THE TONGUE.													
379	Glossitis	...	...	...	...	1	...	...	...	...	...	...	...	1
380	Ulceration	...	...	...	...	...	...	...	...	...	...	1	...	1
	DISEASES OF THE PALATE AND FAUCES.													
	Extensive throat disease	...	...	...	...	...	...	...	...	...	...	...	1	1
386	Ulceration	...	...	...	...	...	...	...	..	...	1	...	...	1
387	Tonsillitis	...	...	...	1	1	2	1	...	...	...	...	1	6

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London.—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	DISEASES OF THE PHARYNX AND ŒSOPHAGUS.													
390	Post-pharyngeal abscess	...	...	...	...	...	...	...	...	1	...	1	...	2
399	Stricture	...	...	...	...	1	1	...	...	...	...	...	...	3
	DISEASES OF THE STOMACH.													
402	Gastritis	2	1	...	1	...	...	3	1	1	...	1	1	11
...	Puffiness of the stomach	...	...	...	...	...	...	...	...	...	1	...	...	1
403	Ulceration.													
	b—Gastric ulcer	...	...	...	...	...	...	...	...	...	...	...	1	1
407	Hæmorrhage.													
	Hæmatemesis	...	1	...	...	...	...	...	...	...	...	...	...	1
419	Dyspepsia	...	...	3	...	...	1	...	...	...	2	...	2	8
426	Vomiting	...	2	...	2	1	1	2	1	1	...	2	1	13
428	Gastralgia	1	...	1	1	...	...	...	...	...	...	...	...	3
	DISEASES OF THE INTESTINES.													
433	Enteritis	6	4	3	4	5	1	13	18	12	3	5	4	78
	Typhlitis	...	...	...	2	...	...	...	...	...	...	...	...	2
	Collitis	...	...	1	...	1	...	2	2	...	1	...	...	7
	Muco Enteritis	...	...	...	...	...	...	2	...	...	...	2	1	5
	Gastro Enteritis	...	3	2	1	2	3	7	4	1	1	2	3	29
434	Ulceration	...	...	...	...	...	...	1	...	...	...	...	...	1
435	Fistula	...	...	...	...	...	...	...	1	...	...	...	...	1
444	Sprue	2	1	1	2	2	3	...	4	4	2	1	2	24
445	Hernia	...	...	3	3	...	...	...	...	...	...	1	...	7
	b—Inguinal	...	...	...	...	...	...	...	1	...	...	...	1	2
	Strangulated	...	1	3	...	...	1	2	3	3	1	2	3	22
447	Intussusception	...	1	...	...	1	...	...	...	...	...	...	...	2
448	Volvulus	...	...	...	...	...	1	...	1	...	...	...	...	2
453	Obstruction	3	3	1	3	...	1	4	2	4	3	3	2	29
	Appendicitis	2	1	2	2	...	...	1	...	1	1	...	1	11
455	Perforation	...	...	1	...	...	...	...	...	2	...	...	...	3
461	Colic	2	1	1	...	...	2	...	...	...	...	1	1	8
	DISEASES OF THE RECTUM AND ANUS.													
464	Inflammation	...	...	...	...	...	...	...	...	1	...	...	...	1
466	Ulceration	...	...	...	...	...	...	...	...	1	...	...	1	2
	Proctitis	...	...	...	...	...	...	...	...	...	...	...	1	1
468	Fistula in Ano	1	...	1	1	...	1	...	1	1	...	1	...	7
	Umbilical fæcal fistula	1	...	...	...	...	...	...	...	...	...	...	...	1
	Ischio and rectal abscess	1	...	...	1	...	...	...	...	...	...	...	...	2
475	Prolapse	...	...	1	...	...	...	...	...	...	...	...	...	1
477	Piles	3	4	...	3	2	...	3	4	2	12	...	1	34
	DISEASES OF THE LIVER.													
479	Hepatitis	21	26	20	16	22	23	27	39	33	24	22	35	307
	a—Abscess	11	14	8	...	11	1	...	11	4	...	...	5	65
	b—Cirrhosis	5	8	8	6	5	5	6	12	7	5	2	5	74
	Enlarged liver	4	5	1	...	2	...	1	2	...	...	3	...	18
481	Congestion	2	1	...	2	...	...	...	1	...	...	...	...	6
482	Acute yellow atrophys	...	...	...	1	...	...	...	...	...	...	...	...	1
486	Jaundice	7	2	1	2	...	4	2	1	1	3	4	4	31
	DISEASES OF THE BLOOD VESSELS.													
	Portal obstruction	1	...	...	...	...	...	...	...	...	...	...	...	1
	DISEASES OF THE PERITONEUN.													
502	Peritonitis	6	3	2	6	1	4	4	1	1	...	1	3	32
503	Dropsy	6	11	9	11	9	5	8	5	9	...	8	5	85

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	DISEASES OF THE SPLEEN.													
506	Splenitis	...	1	...	...	...	...	...	...	...	...	...	...	1
507	Peri-Splenitis	...	...	...	...	...	...	...	...	...	1	...	...	1
	Enlargement of Spleen	...	...	...	...	1	...	...	...	...	...	...	...	1
	DISEASES OF THE LYMPHATIC VESSEL AND GLANDS.													
513	Lymphangitis	...	...	...	1	...	...	...	...	1	...	...	...	2
523	Elephantiasis	1	...	1	1	1	...	1	...	1	1	...	...	7
	DISEASES OF THE THYROID BODY.													
	Status Lymphaticus (Disease of the thyroid gland)	...	1	...	...	...	...	...	...	1	...	...	...	2
531	Hypertrophy	...	...	...	...	...	1	...	...	...	...	...	...	1
532	Goitre	...	...	...	1	...	...	...	...	...	...	...	...	1
	DISEASES OF THE KIDNEY AND DUCTS.													
538	Acute Nephritis	1	3	2	...	...	2	1	3	2	..	...	3	17
539	Bright's Disease	16	17	14	20	11	8	20	18	23	20	12	19	198
	1—Chronic Nephritis	4	...	...	4	1	...	3	...	1	10	...	13	36
	2—Granular Kidney	...	...	1	...	...	...	...	...	...	...	...	...	1
540	Abscess	...	...	...	...	1	...	...	...	...	...	...	...	1
541	Pyelitis	...	...	...	...	...	...	...	...	...	...	2	...	2
	(*d*) Pyo-nephrosis	...	1	...	...	...	...	1	1	...	...	...	...	3
544	Hypertrophy	...	...	...	...	...	...	1	...	1	...	...	...	2
	URINARY DISORDERS.													
552	Suppression of Urine	...	...	...	...	...	...	...	1	...	...	...	...	1
	Uræmic poisoning	1	1	...	...	...	...	...	...	...	...	...	...	2
556	Albuminuria	...	...	2	...	...	...	...	1	2	1	1	...	7
	Uræmia	...	1	...	...	1	2	1	...	1	3	1	3	13
	Uræmic Coma	1	...	...	...	...	...	...	...	...	...	...	...	1
	„ Dermatitis	...	...	...	...	...	...	...	...	...	...	...	1	1
	DISEASES OF THE BLADDER.													
561	Cystitis	1	...	...	...	1	...	...	...	1	1	...	1	5
567	Distension	...	...	...	...	...	...	...	...	...	...	...	1	1
570	Urinary Fistula	...	1	...	...	...	...	...	...	...	...	...	...	1
572	Calculus	1	...	...	...	...	...	1	...	1	...	...	1	4
574	Retention of Urine	...	1	...	...	...	1	...	...	...	1	2	1	6
575	Incontinuance of Urine	1	...	...	...	5	1	...	...	2	...	...	1	10

20—continued.

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	DISEASES OF THE MALE ORGANS OF GENERATION.													
	DISEASES OF THE URÆTHRA.													
581	Stricture—													
	a—Organic...	...	...	...	...	1	...	...	...	...	...	...	...	1
	DISEASES OF THE SCROTUM.													
610	Abscess	1	...	...	...	...	...	...	...	1	1	...	...	3
611	Sloughing	1	...	...	2	...	...	...	...	1	...	...	...	4
	DISEASES OF THE SPERMATIC CORD.													
617	Hydrocele	...	...	...	1	...	...	...	...	...	1	...	...	2
	DISEASES OF THE TESTICLES.													
625	Inflammation—													
	1—Orchitis	...	...	...	1	...	...	...	...	1	...	...	...	2
	DISEASES OF THE OVARY.													
	Ovariotomy	...	...	...	1	...	...	...	...	...	...	...	...	1
	Ovarian disease	...	...	...	...	...	...	1	...	...	...	...	...	1
649	Inflammation—													
	a—Pelvic Peritonitis	...	...	...	...	...	1	...	...	...	1	...	...	2
650	Abscess Pelvic	1	...	1	...	...	...	...	...	...	1	...	...	3
659	Displacement and distortion—													
	c—Inversion	...	...	...	...	...	...	...	...	...	1	...	...	1
	FUNCTIONAL AND SYMPTOMATIC DISEASES OF THE FEMALE ORGANS OF GENERATION.													
682	Amenorrhœa—													
	b—Retained menses	...	...	...	...	...	...	...	1	...	...	...	...	1
685	Menorrhagia	...	...	..	2	1	...	...	1	1	...	...	1	6
687	Leucorrhœa	...	2	...	...	...	...	...	...	2	1	...	1	6

20—*continued.*

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*continued.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	AFFECTIONS CONNECTED WITH PREGNANCY.													
709	Abortion	2	1	...	3	1	1	2	...	1	1	...	...	12
	Vomitting of Pregnancy	...	...	...	...	1	...	...	1	1	...	...	...	3
	AFFECTIONS CONNECTED WITH PARTURITION.													
	Labour	1	5	...	...	1	1	5	5	3	3	...	2	26
	Labour and Debility	1	1	4	...	...	...	...	...	...	...	...	3	9
	Obstructed labour	1	...	...	...	...	1	4	...	...	...	3	...	9
709	Hæmorrhage	...	...	...	...	...	...	1	1	1	1	...	1	5
	a—Unavoidable from Placenta Prævia	...	1	...	...	...	...	1	...	...	...	...	...	2
	Puerperal state	...	...	...	...	...	...	...	...	...	1	...	...	1
	Cæsarian section	...	...	...	...	1	...	...	...	...	...	...	...	1
772	Still-born	130	118	100	114	126	116	142	148	177	153	136	111	1,566
712	Asphyxia of infants	...	...	...	...	...	...	1	...	1	...	...	...	2
	AFFECTIONS CONSEQUENT ON PARTURITION.													
714	Post-Partum Hæmorrhage... ...	2	3	2	...	3	2	2	2	3	...	1	1	20
715	Retention of Placenta	...	...	...	...	1	...	...	...	...	...	...	...	1
718	Sudden death after delivery ...	1	...	...	...	...	...	...	...	...	...	2	...	3
	a—From shock or nervous exhaustion...	1	1	...	6	...	1	1	...	2	2	4	...	18
	DISEASES OF THE BONE INCLUDING THE SPINE.													
783	Inflammation—													
	a—Osteitis	1	...	...	...	...	...	...	..	1	...	...	...	2
	Chronic Osteo-Myelitis	...	...	1	...	...	...	...	...	...	...	...	...	1

20—concluded.

SPECIFIC CAUSES of DEATHS in 1910 arranged according to the Nomenclature of Diseases drawn up by the Committee of the Royal College of Physicians of London—*concluded.*

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	DISEASES OF JOINTS (EXCLUSIVE OF THE SPINE).													
746	Inflammation—a—Synovitis	...	1	...	...	..	...	...	1	...	1	1	...	5
749	Ankylosis	1	...	...	1	...	...	...	...	...	...	...	...	2
	DISEASES OF THE SPINE.													
760	Caries...	...	1	...	1	...	1	...	1	...	...	...	..	4
761	Necrosis	...	...	...	...	2	...	2	1	...	...	2	1	8
	Spinal Trauma	...	...	...	1	...	...	...	...	...	...	...	...	1
770	Suppuration	...	...	...	1	1	1	...	1	1	...	...	...	5
	DISEASES OF BURSÆ.													
791	Abscess	...	...	...	...	...	...	...	5	...	...	...	...	5
	Sinus	...	...	2	...	...	1	1	...	1	...	3	...	8
798	Cellulitis	...	2	3	2	2	1	1	...	2	...	1	...	14
799	Abscess	1	1	...	2	1	...	3	...	1	1	1	1	12
800	Gangrene	3	3	2	3	...	...	2	2	2	2	2	2	23
802	Anasarca	1	...	2	1	...	...	...	...	...	...	2	...	6
813	Exfoliativa Dermatitis	...	...	...	...	...	...	2	...	...	...	...	...	2
820	Pemphigus	...	...	...	1	...	...	...	...	...	...	...	...	1
843	Ulcer	1	...	1	1	2	2	2	2	...	2	1	1	15
845	Carbuncle	1	2	...	...	...	1	1	1	1	...	...	...	7
	Drowning	5	5	12	5	6	15	11	13	7	6	4	13	102
	Burns and Scalds	10	4	7	1	3	4	13	1	4	4	7	9	66
	Privation and Starvation	21	29	10	23	14	15	11	15	16	21	10	12	197
	Vehicles, Horses and Bullocks ...	8	5	7	6	8	7	4	4	4	8	11	9	76
	Ships, Boats and Docks excluding drowning	...	1	...	2	...	...	1	1	1	2	3	1	12
	Building Operations	4	...	...	...	1	...	...	...	...	...	...	...	5
	Fall from houses, stairs, &c. ...	6	5	2	9	3	5	2	4	3	4	5	9	57
	Sunstroke	...	...	...	2	...	...	...	...	...	...	...	...	2
	Machinery	5	3	4	10	...	2	2	3	1	...	1	2	32
	Suffocation and Strangulation ...	...	3	2	1	1	5	...	...	2	1	...	1	16
	Otherwise or not stated	1	1	5	1	4	3	4	4	1	3	1	9	36
	Incised—penetrating stab and multiple wounds...	2	2	2	1	1	1	1	...	...	3	1	3	17
	Suicides other than drowning and poisoning	1	...	...	3	...	1	2	1	1	2	1	5	16
	Fall of earth, rocks, bales, houses, &c., on body	2	...	...	1	1	4	...	6	3	3	...	3	23
	Gunshot wounds	...	1	...	...	...	...	...	...	2	...	1	...	4
	Poisons, poisonous vapours and animals	5	4	3	1	3	5	1	2	3	1	4	1	33
	Heat Apoplexy	...	...	...	...	...	...	1	1	...	...	...	...	2
	Explosions	...	...	1	...	...	...	...	...	...	4	...	...	5
	Unspecified Causes	2	1	3	5	4	2	3	4	1	1	1	8	35

TABLE of VACCINE OPERATIONS performed in the City of Bombay in 1910.

Ward.	SECTION.	Population (Census of 1906).	Number of Depôts in each District.	Number of Vaccinators in each District.	Number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccinations.								Re-vaccinations.			Percentage of successful cases where results were known.		Persons successfully vaccinated per 1,000 of population.	Average annual number of persons successfully vaccinated during the past 5 years.		Average annual number of deaths from Small-pox during the past 5 years.		Average cost of each successful Vaccination.
									Total.			Successful.																
					Males.	Females.	Total.		Males.	Females.	Total.	Under one year.	One year and under 6 years.	6 years and above.	Total.	Unknown.	Total.	Successful.	Unknown.	Primary Vaccinations.	Re-vaccinations.		Number.	Ratio per 1,000 of Population.	Number.	Ratio per 1,000 of population.	Rs. a. p.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
A.	Upper Colaba	3,775	...	...	1,552	455	2,007	7,078	180	186	366	241	51	3	295	55	1,641	7	1,627	94·86	50·00	15·82	322	16·87	1	·26	
	Middle and Lower Colaba.	15,310	...	...	...																				10	·67	
	Fort South	3,944	1	...	3,901	1,304	5,205		200	270	470	333	84	3	420	48	4,735	3	4,723	99·53	25·00	12·92	505	15·43	1	·26	
	Fort North	28,778	...	1																					15	·54	
	Esplanade	11,015	...	...	1,343	411	1,754		77	74	151	65	25	...	90	58	1,603	3	1,591	96·77	25·00	8·44	128	11·62	9	·82	
B.	Mandvi	38,158	...	...	352	207	559		195	201	396	252	112	...	364	19	163	...	163	96·55	.....	9·63	420	11·00	38	1·03	
	Chukla	29,362	1	...	301	283	584		261	280	541	369	117	2	488	44	43	2	36	98·18	28·57	16 68	538	17 81	17	·59	
	Umerkhadi	53,610	...	...	587	492	1,079		356	411	767	558	131	13	702	36	312	..	304	96·03	.....	13·09	855	15·57	49	·93	
	Dongri	32,663	1	1	1,895	512	2,315		442	444	886	671	107	34	812	43	1,429	231	358	96·82	21·47	81·93	800	24·49	27	·86	
C.	Market	35 805	...	...	326	254	580		219	217	436	268	101	2	374	48	144	3	136	96·39	60·00	10·67	387	10·96	21	·61	
	Dhobi Talao	36,594	...	...	1,581	842	2,373		381	380	761	495	136	14	665	80	1,612	7	1,588	94·71	29·17	18·36	732	20·00	49	1·39	
	Panaswadi	29,216	1	1	459	307	766		218	240	458	315	95	10	420	28	308	1	293	97·67	6·66	14·89	423	14·46	28	1·05	
	Bhuleshwar	38,129	...	...	800	469	1,269		241	260	501	297	136	1	434	57	768	1	763	97·74	20·00	11·40	463	12·14	26	·71	
	Khara Talao	26,935	...	...	3,150	1,078	4,228		315	296	611	331	69	1	401	186	3,617	...	3,609	94·35	.....	14·88	430	15·96	18	·68	
	Kumbharwada	32,784	1	1	335	312	647		291	293	584	457	82	1	540	27	63	...	59	96·95	.....	16·47	511	15 58	37	1·16	
D.	Khetwadi	33,579	...	...	548	417	965		287	298	585	458	92	2	552	20	380	6	360	97·70	30·00	16·61	573	17·06	17	·52	
	Girgaum	28,419	1	...	513	476	989		329	381	710	560	144	6	650	41	279	3	269	97·16	30·00	22·95	588	20·66	20	·77	
	Chaupati	13,023	...	...	297	196	493		152	127	279	191	61	4	256	18	214	4	207	98·08	57·14	19·94	227	17·41	7	·59	
	Walkeshwar	12,685	1	...	682	264	946		88	86	174	123	36	1	160	11	772	...	766	98·16	.....	12·61	176	13·79	4	·32	
	Mahalakshmi	34,650	...	...	462	414	876		256	277	533	414	95	1	510	16	345	2	338	98·65	40·00	20·77	487	17·72	15	·64	
E	Mazagaon	30,872	1	...	957	398	1,355		285	268	546	393	91	12	496	39	809	14	772	97·83	37·84	16·51	652	21·11	34	1·12	
	Tarwadi	26,278	...	...	496	410	906		230	237	467	366	51	4	421	33	459	...	438	97·00	.....	16·02	459	17·46	19	·76	
	2nd Nagpada	22,016	...	...																					18	·84	
	Kamatipura	30,484	1	1	1,890	984	2,874		675	659	1,334	1,004	173	4	1,181	109	1,540	...	1,532	96·41	.....	13·62	1,383	15·95	41	1·18	
	Tardeo	28,193	...	...																					52	1·19	
	Byculla	76,280	...	...	1,940	1,448	3,388		590	671	1,261	911	155	7	1,073	155	2,127	32	1,938	97·02	16·93	13·87	1,126	14·14	62	·85	
	1st Nagpada	3,535	1	...																					3	·62	
F.	Parel	46,960	...	...	859	562	1,421		414	433	847	641	135	6	782	53	574	4	567	98·49	57·14	16·73	803	17·09	51	1·15	
	Sivri	15,985	1	...	168	191	359		157	191	348	277	50	...	327	25	1	...	1	98·19	.....	20·45	289	18·07	11	·75	
	Sion	30,515	...	1	328	289	617		293	283	576	465	72	...	537	33	41	1	40	98·89	100·00	17·63	578	18·77	22	·74	
G.	Mahim	31,178	...	...	640	624	1,264		556	553	1,109	893	172	3	1,068	30	155	...	158	98·98	.....	34·25	1,041	33 38	17	·55	
	Worli	69,488	1	...	1,126	774	1,900		636	684	1,320	1,105	145	4	1,254	45	580	5	569	98·35	45·15	18·11	1,047	15·06	66	1·01	
	Harbour, Docks, Railways and Homeless ...	32,210	...	...	530	222	752		296	195	491	109	46	3	158	243	361	1	348	100·00	33·33	4·93	196	6·07	19	·57	
	Total ...	977,822	12	6	27,876	14,595	42,471	7,078	8,538	8,890	17,428	12,502	2,787	141	15,430	1,600	25,043	330	23,543	97·49	22·00	16·11	6,048	16·41	804	·85	†1 11 1

† This has reference to Departmental work only.

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TABLE of Births registered and of Vaccinations of Infants under one year of age performed in the year 1910.

Ward.	SECTIONS.	Total number of births exclusive of still-born.	Still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of vaccination to births registered.
A.	Upper Colaba	92	4	23	69	301	84·31
	Middle and Lower Colaba	265	20	100	165		
	Fort South	18	3	6	12	354	67·04
	Fort North	510	55	236	274		
	Esplanade	157	22	56	101	76	48·40
B.	Mandvi	430	33	307	123	275	63·95
	Chukla	507	50	256	251	398	78·50
	Umarkhadi	1,184	97	484	700	606	51·09
	Dongri	727	58	334	393	710	97·66
C.	Market	293	31	191	102	303	103·07
	Dhobi Talao	752	69	264	488	545	72·47
	Fanaswadi	467	47	177	290	341	73·01
	Bhuleshwar	509	52	289	220	316	62·08
	Khara Talao	521	35	257	264	368	70·63
	Kumharwada	522	41	276	246	489	93·67
D.	Khetwadi	543	43	221	322	478	88·02
	Girgaum	522	47	228	294	535	102·49
	Chowpati	181	12	72	109	206	113·81
	Walkeshwar	165	16	46	119	135	81·81
	Mahalakshmi	481	52	146	335	431	89·60
E.	Mazagaon	690	55	316	374	422	61·15
	Tarwadi	754	60	405	349	394	52·25
	2nd Nagpada	495	56	278	217	1,100	57·08
	Kamathipura	788	66	404	384		
	Tardeo	644	54	264	380		
	Byculla	2,693	140	806	1,887	1,050	37·27
	1st Nagpada	124	5	34	90		
F.	Parel	1,041	60	384	657	679	65·22
	Sewri	418	29	156	262	299	71·53
	Sion	796	60	273	523	495	62·18
G.	Mahim	840	73	253	587	928	110·47
	Worli	1,809	125	711	1,098	1,157	63·95
	Harbour, Docks, Railways and Homeless	1	1	...	1	274	...
	Total ...	19,939	1,566	8,253	11,686	13,663	68·52

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TABLE of Primary Vaccinations performed with different kinds of Lymph in 1910.

	Number of operations.	Successful.	Unknown.	Percentage of success after deducting the unknown cases.
I Calf Lymph	10,033	3,818	6,157	98·50
II Glycerinated Lymph	30,923	11,623	18,793	95·82
III Lanolinated Lymph	.....	.....	.....	.....
IV Human Lymph	.....	.....	.....	.....
Total ...	40,956	15,441	24,950	96·47

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TABLE of prosecutions instituted by the Vaccination Department in 1910.

1	2	3	4	5	6	7
Section of the Act.	Nature of Charge.	Number of Cases instituted.	Number of Cases discharged.	Otherwise.	Number of Cases convicted.	Amount of Fines inflicted.
Nil	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*

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TABLE of DEATHS by Diseases

Ward.	SECTION.	GENERAL DISEASES.																	
						FEVERS.													
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.	Cancer	Premature Birth.
A.	Upper Colaba ...	1	...	7	...	3	2	1	...	...	...	...	...	4	2	3	...	1	6
	Middle and Lower Colaba	9	...	92	...	6	11	41	...	...	...	...	...	42	16	...	...	3	5
	Fort South ...	4	...	17	...	2	6	11	1	...	...	...	...	4	2	...	...	...	1
	Fort North ...	34	1	114	...	12	31	126	...	...	...	...	2	76	21	8	...	2	14
	Esplanade	12	...	34	...	11	30	119	...	...	...	...	...	60	19	...	2	1	6
B.	Mandvi	33	8	134	...	2	13	175	...	...	...	...	3	29	25	18	1	2	...
	Chukla	12	6	73	...	1	3	74	1	...	...	...	6	22	13	27	...	1	4
	Umarkhadi	35	11	189	...	10	40	117	6	...	...	...	2	104	62	18	...	3	6
	Dongri	15	3	164	...	2	22	67	4	...	1	...	4	60	49	5	1	2	1
C.	Market	39	2	130	...	5	9	68	...	...	1	...	6	28	15	17	1	1	3
	Dhobi Talao	71	7	185	...	16	14	101	...	...	...	...	2	67	34	10	...	5	11
	Fanaswadi	33	5	131	...	3	3	48	...	1	...	...	10	47	20	4	...	3	4
	Bhuleshwar	26	4	159	...	3	14	70	...	...	...	...	2	123	20	25	3	...	4
	Khara Talao	24	3	74	...	1	6	22	...	...	...	...	2	73	33	27	...	1	2
	Kumbharwada ...	24	19	114	...	1	4	18	...	...	1	...	5	65	23	12	...	...	2
D.	Khetwadi	32	9	78	...	7	6	59	...	1	...	1	4	51	44	5	2	4	11
	Girgaum	54	4	70	...	5	9	37	...	...	1	...	7	39	17	10	...	5	9
	Chaupati	4	2	36	...	3	7	7	...	...	...	1	...	9	8	1	...	...	6
	Walkeshwar	1	1	10	...	2	3	11	...	...	...	...	2	7	10	1	...	1	3
	Mahalakshmi ...	15	7	16	...	6	4	69	...	...	...	...	4	59	24	10	1	1	6
E.	Mazagaon	33	10	145	...	5	2	132	3	1	2	...	3	49	56	15	...	1	6
	Tarwadi	44	10	92	...	6	20	153	...	...	1	...	5	98	75	9	...	5	8
	2nd Nagpada... ...	24	10	27	...	3	1	101	...	...	...	...	...	52	33	17	...	...	1
	Kamathipura ...	52	10	103	...	1	3	175	5	...	...	...	6	86	45	31	...	...	5
	Tardeo	20	6	59	...	8	4	110	...	...	...	...	...	112	37	12	...	...	...
	Byculla	177	21	333	...	11	6	226	11	...	...	...	9	243	192	34	...	1	10
	1st Nagpada	3	1	8	...	3	1	11	...	...	...	...	...	8	5	5	...	...	1
F.	Parel	49	3	196	...	1	3	113	...	...	...	...	1	126	41	15	...	...	9
	Sewri	7	2	76	...	...	...	45	2	...	...	...	...	61	26	7	...	...	1
	Sion	20	2	152	...	3	6	67	...	...	...	...	5	60	40	9	60	1	3
G.	Mahim	8	4	143	...	2	...	40	...	...	2	...	11	97	34	17	...	2	...
	Worli	75	16	481	...	5	1	178	1	...	2	...	6	182	100	33	1	4	2
	Harbour, Docks, Railways and Homeless.	18	...	4	...	7	9	13	...	...	...	...	...	42	5	...	...	...	...
	TOTAL ...	1,608	184	3,656	...	158	393	2,630	34	3	11	2	107	2,155	1,197	394	72	50	147

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and Section in 1910.

				LOCAL DISEASES.												INJURIES.					
							Respiratory System.									General.					
Debility.	Old Age.	Tubercle of Lungs, including other Tubercular Diseases.	Other General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of the Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
13	5	10	4	7	...	3	2	12	5	...	...	2	4	...	...	...	...	...	...	...	94
30	13	5	29	22	1	6	28	108	20	...	9	1	20	2	...	...	4	5	3	1	512
1	2	...	7	3	...	2	2	8	1	...	...	...	3	1	...	...	...	2	1	1	79
67	57	33	52	58	...	24	79	204	60	1	14	12	55	3	...	2	14	4	1	...	1,126
27	15	13	29	10	...	8	32	96	24	1	10	7	22	3	...	3	36	2	1	3	626
83	118	19	94	90	1	12	25	392	39	...	4	5	33	3	...	1	23	4	...	1	1,347
83	115	7	97	78	1	12	89	305	39	2	6	3	50	2	1	...	10	7	1	...	1,096
106	88	122	149	149	...	17	230	557	86	1	38	11	97	9	1	1	25	12	1	...	2,201
132	83	32	97	45	...	9	73	337	44	1	6	2	53	2	...	1	11	4	1	...	1 231
47	84	17	54	68	1	6	71	196	41	...	8	6	31	7	...	2	8	5	...	4	945
80	52	25	80	69	...	29	57	302	32	1	22	14	69	8	2	7	14	4	3	1	1,376
47	28	8	54	47	...	10	31	202	35	3	8	12	47	3	...	5	5	1	...	1	812
81	113	27	76	59	1	13	139	401	45	...	11	11	52	3	2	5	12	7	1	...	1,462
84	94	14	76	109	...	8	61	351	29	...	8	3	35	4	1	...	16	5	...	...	1,126
75	59	8	75	70	...	2	82	328	39	...	8	5	41	1	...	...	6	3	2	...	1,056
61	44	33	72	63	...	16	94	303	42	2	14	7	43	1	...	2	12	6	2	3	979
53	45	10	70	78	...	16	88	229	60	...	12	6	47	4	2	4	7	1	...	...	957
16	20	4	17	23	1	5	14	71	15	...	5	2	12	1	...	3	3	...	...	...	284
17	10	1	14	10	...	6	15	46	13	2	5	2	16	...	...	2	2	5	1	...	202
52	33	6	49	36	...	10	24	111	15	...	5	...	52	2	...	...	8	2	1	...	661
117	88	9	68	91	1	12	14	303	67	...	8	2	55	3	...	4	12	2	...	1	1,265
119	63	39	74	53	...	14	39	275	82	...	23	4	60	5	5	5	50	11	2	1	1,330
68	90	10	96	120	...	3	91	247	28	...	12	3	56	2	...	...	7	3	...	...	1,099
148	148	22	130	136	...	11	142	407	42	...	22	1	66	2	2	1	20	10	1	1	1,758
68	60	15	78	67	...	5	67	220	31	...	3	3	54	4	...	2	5	4	2	...	1,002
260	245	35	265	146	1	15	105	770	66	...	10	4	140	6	8	7	29	17	1	1	3,266
5	16	7	9	11	...	2	14	38	2	...	3	...	5	1	...	1	3	3	1	...	162
191	30	8	84	62	1	11	154	293	21	...	11	3	60	3	...	9	10	4	1	2	1,460
69	15	7	24	27	...	2	38	102	5	...	2	...	29	1	...	3	7	2	...	2	533
138	27	4	33	40	...	7	99	210	28	...	5	4	60	4	...	8	4	4	3	...	1,023
113	35	6	43	48	...	5	65	275	33	1	15	5	73	1	1	3	11	3	2	2	1,026
273	139	5	130	116	...	9	213	596	42	1	17	5	135	5	...	3	13	10	1	7	2,668
2	14	1	4	3	...	6	4	17	2	...	...	...	1	2	.	13	17	4	...	3	169
2,726	1,999	557	2,225	2003	9	316	2,282	8,212	1,173	16	314	145	1,566	96	25	102	399	167	33	35	34,933

TABLE of DEATHS by Race, Cause and Sex in 1910.

RACE OR CASTE.	GENERAL DISEASES.																			
	Small-pox.		Measles.		Plague.		Fevers.										Influenza.		Whooping Cough.	
							Scarlet Fever.		Enteric Fever.		Malarial Fever.		Ague and Remittent Fever.		Relapsing Fever.					
	Males	Females.	Males.	Females.	Males	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	8	11	4	...	191	37	...	...	4	1	2	1	76	38	1	...	...	...	...	...
Brahmins	32	17	4	8	97	31	...	...	...	1	4	2	82	38	2	...	...	...	...	...
Lingaits	4	1	...	1	13	3	...	...	1	...	...	...	8	6	...	...	...	...	...	...
Bhatias	2	3	...	...	5	7	...	...	1	1	...	2	15	9	...	...	...	...	...	...
Hindus of other Castes	283	211	33	61	1,579	771	...	...	22	6	98	28	762	432	15	3	2	...	1	5
Hindus, Low Caste	57	51	12	15	174	120	...	...	2	...	12	8	198	133	5	1	...	...	...	...
Mussulmans	103	83	12	14	325	94	...	...	13	5	58	16	360	235	5	...	...	...	...	...
Parsees	9	3	1	1	39	41	...	...	18	12	11	10	43	50	...	...	1	...	1	1
Jews	1	...	1	1	6	1	...	...	3	1	...	1	3	5	...	...	...	...	...	...
Native Christians	67	50	7	9	72	38	...	...	22	5	20	6	68	56	1	1	...	...	1	2
Eurasians	1	2	...	...	5	2	...	...	1	3	1	...	8	1	...	...	...	...	...	...
Europeans	7	2	...	...	...	5	...	...	24	9	8	4	6	4	...	...	...	...	...	...
Negro-Africans	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...
Buddhists	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
Other and Unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All Castes ... Males	574	...	74	...	2,506	...	...	...	112	...	215	...	1,631	...	29	...	3	...	3	...
All Castes ... Females	...	434	...	110	...	1,150	...	...	...	44	...	78	...	999	...	5	...	...	...	8
All Castes ... Persons	1,008		184		3,656		...		156		293		2,630		34		3		11	

26—*continued.*

TABLE of DEATHS by Race, Cause and Sex in 1910—*continued.*

RACE OR CASTE.	GENERAL DISEASES—*contd.*																			
	Diphtheria		Cholera.		Diarrhœa.		Dysentery.		Puerperal Septicæmia.		Leprosy.		Cancer.		Premature Birth.		Debility.		Old Age.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	...	...	1	...	18	22	16	3	...	20	...	...	...	1	...	2	24	15	26	25
Brahmins	1	...	1	4	38	30	28	19	...	14	1	...	...	4	...	2	35	25	26	32
Lingaits	...	...	...	...	5	3	2	1	...	4	...	...	...	...	...	...	8	7	3	8
Bhatias	...	...	...	...	6	9	...	2	...	10	...	...	1	...	1	...	7	7	11	27
Hindus of other Castes	...	...	63	15	462	416	335	221	...	162	29	17	7	8	21	18	808	683	369	501
Hindus, Low Caste	...	...	3	3	181	163	84	76	...	28	2	3	...	...	13	12	208	194	67	86
Mussulmans	...	...	7	1	377	240	190	117	...	135	6	3	2	...	7	2	291	227	339	346
Parsees	1	...	4	1	54	56	23	18	...	2	...	...	2	9	17	17	32	27	29	51
Jews	...	...	...	...	7	6	5	3	...	3	...	...	1	...	1	3	12	7	1	3
Native Christians	...	...	2	1	55	75	22	11	...	14	5	6	4	2	16	9	49	51	16	21
Eurasians.....	...	...	...	...	3	6	5	3	...	2	...	...	2	2	...	2	1	1	...	2
Europeans	...	...	1	...	12	10	9	3	...	...	...	...	2	3	2	2	4	3	1	...
Negro-Africans	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	3	1
Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other and Unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All Castes... Males	2	...	82	...	1,119	...	720	...	...	...	43	...	21	...	78	...	1,479	...	891	...
All Castes... Females	...	...	...	25	...	1,036	...	477	...	394	...	29	...	29	...	69	...	1,247	...	1,108
All Castes... Persons	2		107		2,155		1,197		394		72		50		147		2,726		1,999	

TABLE of DEATHS by Race, Cause and Sex in 1910—*continued.*

RACE OR CASTE.	GENERAL DISEASES —*concluded.*				LOCAL DISEASES.															
	Tubercle of Lungs, including other Tubercular Diseases.		Other General Diseases.		Nervous System		Diseases of the Eye, Ear and Nose.		Circulatory System.		Respiratory System.				Digestive System.		Lymphatic System.		Urinary System.	
											Phthisis.		Other Diseases of the Respiratory System.							
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains	4	3	21	39	30	28	1	...	7	2	26	33	171	98	15	11	1	...	10	...
Brahmins	3	11	39	37	45	43	...	...	9	1	16	40	202	135	38	15	...	...	5	9
Lingaits	...	...	5	6	3	5	...	...	...	...	2	8	25	16	3	...	...	...	1	...
Bhatias	1	1	8	10	21	8	...	...	5	...	7	22	51	29	5	3	...	...	...	...
Hindus of other Castes	116	76	490	507	402	303	1	1	78	20	444	597	2,157	1,726	311	172	1	1	78	54
Hindus, Low Caste	7	11	88	111	126	86	1	...	8	2	79	110	502	470	46	33	...	...	7	8
Mussulmans	94	110	254	416	349	279	2	...	51	12	291	486	1,300	910	188	90	3	1	33	30
Parsees	14	26	44	37	75	56	...	1	44	20	16	29	109	84	34	33	3	3	18	18
Jews	5	5	6	13	13	4	...	...	1	1	2	10	18	24	2	5	...	...	...	...
Native Christians	19	22	33	31	57	45	...	2	27	11	34	25	152	70	39	32	...	1	24	11
Eurasians	5	11	3	2	8	3	...	...	2	2	1	2	9	8	4	7	...	...	1	1
Europeans	5	6	13	8	9	4	...	...	7	5	...	...	22	6	24	11	...	...	4	2
Negro-Africans	...	1	...	1	1	...	...	...	...	...	2	...	4	6	2	...	...	...	...	...
Buddhists	...	1	2	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...
Other and Unknown Castes ...	...	...	1	...	...	...	...	...	1	...	...	...	4	2	...	...	1	...	...	...
All Castes ... Males	273	...	1,007	...	1,139	...	5	...	240	...	920	...	4,627	...	761	...	9	...	181	...
All Castes ... Females	...	284	...	1,218	...	864	...	4	..	76	...	1,362	...	3,585	...	412	...	7	...	133
All Castes ... Persons	557		2,225		2,003		9		316		2,282		8,212		1,733		16		314	

TABLE of DEATHS by Race, Cause and Sex in 1910—*continued.*

RACE OR CASTE.	LOCAL DISEASES—*contd.*								INJURIES.													
	Generative System.		Still-born.		Organs of Locomotion and Connective Tissue.		Other Local Diseases.		General.				Local Injuries.		Poisons.		Unspecified Causes.		All Causes.			
									Drowning.		Other General Injuries.											
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons	
Jains	1	6	12	10	...	2	...	...	2	...	4	4	1	1	1	...	...	...	666	398	1,064	
Brahmins	...	10	25	16	1	...	1	...	...	2	5	6	4	..	3	1	2	...	724	532	1,256	
Lingaits	1	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	85	69	154	
Bhatias	...	4	6	5	...	1	...	...	...	...	...	2	2	1	...	...	...	...	149	159	308	
Hindus of other Caste ...	5	53	412	295	29	9	4	3	53	15	118	45	68	13	6	7	16	9	9,266	7,169	16,435	
Hindus, Low. Caste ...	...	9	136	98	2	1	...	...	3	3	14	15	12	4	2	1	1	1	1,916	1,758	3,674	
Mussulmans	4	30	186	142	22	11	5	5	13	3	108	32	31	6	5	3	1	1	4,649	3,943	8,592	
Parsees	2	5	41	36	4	5	...	1	...	1	5	6	2	2	2	...	...	...	707	626	1,333	
Jews	...	...	9	8	...	...	...	...	...	...	4	...	1	1	...	...	...	...	98	102	195	
Native Christians ...	...	10	87	32	5	2	3	2	3	...	13	9	4	2	...	...	...	1	840	633	1,473	
Eurasians	...	2	1	1	...	1	1	...	...	...	1	...	...	...	...	...	...	...	62	65	127	
Europeans	...	2	4	3	1	...	...	...	4	...	2	...	8	...	2	...	...	...	177	89	266	
Negro-Africans	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	17	11	28	
Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	6	3	9	
Other & Unknown Castes	...	1	31	18	...	...	...	...	...	...	3	1	1	1	...	...	3	...	14	5	19	
All Castes... Males ...	13	...	901	...	64	...	14	...	78	...	278	...	136	...	21	...	23	...	19,371	...	...	
All Castes... Females ...	...	132	...	665	...	32	...	11	...	24	...	121	...	31	...	21	...	12	...	15,562	...	
All Castes... Persons ...	145		1,566		96		25		102		399		167		33		35		34,933			

TABLE of DEATHS by Age, Sex and Cause in 1910.

AGE.		GENERAL DISEASES.																			
		Small-pox.		Measles		Plague.		Fever.										Influenza.		Whooping Cough.	
								Scarlet Fever.		Enteric Fever.		Malarial Fever.		Ague and Remittent Fever.		Relapsing Fever.					
		Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females	Males.	Females.
DAYS	1 to 30	6	4	...	...	...	...	...	...	...	...	1	1	16	16	...	...	...	...	...	...
MONTHS ...	1 to 6	57	58	4	9	1	...	...	...	1	...	1	3	40	45	...	...	...	...	...	1
	7 to 12	66	73	18	25	...	2	...	...	4	2	2	1	59	48	...	...	...	...	1	4
YEARS ...	1 to 2	31	61	31	43	1	8	...	...	2	1	2	1	50	62	...	...	...	...	...	2
	2 to 3	24	32	9	20	7	11	...	...	1	...	5	...	26	19	...	...	...	...	...	...
	3 to 4	22	18	7	2	18	10	...	...	1	...	1	1	14	23	...	...	...	...	1	...
	4 to 5	18	11	...	3	20	14	...	...	...	2	...	...	22	17	1	...	...	...	1	1
	5 to 10	84	27	4	5	115	153	...	...	3	2	5	13	73	105	2	...	...	...	...	...
	10 to 15	31	23	...	2	275	167	...	...	8	4	5	7	104	78	...	...	...	...	...	...
	15 to 20	103	38	1	...	426	184	...	...	30	8	19	11	221	111	3	...	1	...	...	...
	20 to 25	90	48	...	...	514	168	...	...	26	5	27	7	233	114	8	3	...	...	...	...
	25 to 30	47	15	...	...	361	153	...	...	11	8	40	7	202	101	7	1	...	...	...	...
	30 to 35	15	6	...	...	217	96	...	...	15	4	22	6	151	62	5	...	1	...	...	...
	35 to 40	10	11	...	1	173	60	...	...	5	3	23	3	133	70	1	...	...	...	...	...
	40 to 45	4	2	...	...	90	50	...	...	9	2	20	3	76	33	2	1	1	...	...	...
	45 to 50	9	2	...	...	100	50	...	...	4	2	12	2	81	39	1	...	...	...	...	...
	50 to 55	3	2	...	...	35	15	...	...	2	...	9	3	35	8	...	...	...	...	...	...
	55 to 60	3	2	...	...	36	14	...	...	...	1	10	4	56	24	...	...	...	...	...	...
	60 & over	1	...	...	...	18	15	...	...	...	...	11	5	39	26	...	...	...	...	...	...
	Unspecified Ages ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES.	Males	574	...	74	...	2,506	...	...	...	112	...	215	...	1,631	...	29	...	3	...	3	...
	Females	...	434	...	110	...	1,150	...	...	...	44	...	78	...	899	...	5	...	...	...	8
	Persons	1,008		184		3,656		.....		156		293		2,630		34		3		11	

Table of DEATHS by Age, Sex and Cause in 1910—*continued.*

AGE.		GENERAL DISEASES—*contd.*																			
		Diphtheria.		Cholera.		Diarrhœa.		Dysentery.		Puerperal Septicæmia.		Leprosy.		Cancer.		Premature Birth.		Debility.		Old Age.	
		Males.	Females.	Males	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
DAYS	1 to 30	...	...	...	...	11	15	1	...	...	...	...	...	...	...	78	67	1,236	983	...	...
MONTHS	1 to 6	...	...	1	...	104	89	11	13	...	...	...	...	...	...	...	2	144	156	...	...
	7 to 12	1	...	1	...	174	212	23	29	...	...	...	...	...	...	...	...	26	22	...	...
YEARS	1 to 2	...	...	...	...	149	156	52	55	...	...	...	...	...	...	...	...	12	13	...	...
	2 to 3	...	...	...	...	39	76	24	41	...	...	...	...	...	...	...	...	4	1	...	...
	3 to 4	...	...	...	...	25	26	15	19	...	...	...	...	...	...	...	...	1	2	...	...
	4 to 5	1	...	...	...	15	24	19	19	...	...	...	...	...	...	...	...	...	..	...	...
	5 to 10	...	...	...	3	20	37	42	33	...	...	1	...	...	1	...	...	2	6	...	...
	10 to 15	...	...	2	3	16	18	17	20	...	9	1	1	...	...	...	...	1	2	...	...
	15 to 20	...	...	16	6	36	37	50	38	...	121	6	6	...	1	...	..	3	9	...	...
	20 to 25	...	...	13	3	60	43	70	48	...	117	6	1	...	...	...	...	4	6	...	...
	25 to 30	...	...	20	2	75	57	81	45	...	91	6	7	...	1	...	...	4	5	...	...
	30 to 35	...	...	4	2	52	28	66	23	...	33	4	2	2	...	...	...	4	2	...	...
	35 to 40	...	...	12	...	65	40	77	23	...	19	3	4	2	4	...	...	9	3	...	...
	40 to 45	...	...	5	1	58	30	41	17	...	3	4	2	4	2	...	...	6	11	...	...
	45 to 50	...	...	3	2	45	32	44	13	...	...	6	3	2	6	...	...	28	26	...	1
	50 to 55	...	...	2	1	22	24	15	7	...	1	4	1	5	4	...	...	...	...	27	18
	55 to 60	...	...	1	2	65	37	33	15	...	...	1	1	3	4	...	...	...	...	160	178
	60 and over	...	...	2	...	107	64	38	18	...	...	1	1	3	6	...	...	...	...	704	911
	Unspecified Ages	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES.	Males	2	...	82	...	1,119	...	720	...	...	...	43	...	21	...	78	...	1,479	...	891	...
	Females	...	...	...	25	...	1,036	...	477	...	394	...	29	...	29	...	69	...	1,247	...	1,108
	Persons	2		107		2,155		1,197		394		72		50		147		2,726		1,999	

TABLE of DEATHS by Age, Sex and Cause in 1910—*continued.*

AGE.		GENERAL DISEASES —*contd.*				LOCAL DISEASES.													
		Tubercle of Lungs including other Tubercular Diseases.		Other General Diseases.		Nervous System.		Diseases of the Eye, Ear and Nose.		Circulatory System.		Respiratory System.				Digestive System.		Lymphatic System.		Urinary System.	
												Phthisis.		Other Diseases of the Respiratory System.							
		Males	Females	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females
DAYS...	1 to 30	...	...	4	5	154	129	...	...	2	...	...	...	35	32	14	12	2	...	...	...
MONTHS ...	1 to 6	...	...	30	45	452	325	...	...	1	1	...	...	471	473	22	17	...	...	...	...
	7 to 12	5	5	107	130	198	149	...	...	...	...	...	1	630	651	35	35	...	1	1	...
YEARS ...	1 to 2	2	2	161	202	72	69	...	...	...	1	1	1	407	447	62	65	...	...	...	1
	2 to 3	4	6	93	104	11	13	...	1	...	...	1	1	149	140	26	15	...	...	1	...
	3 to 4	...	2	54	58	5	2	...	...	...	...	...	...	73	86	3	6	...	...	...	1
	4 to 5	3	2	24	22	3	6	1	...	...	...	1	...	32	42	5	5	...	...	1	...
	5 to 10	8	11	54	73	7	8	1	1	1	2	8	35	83	106	12	11	...	1	1	1
	10 to 15	8	22	23	67	11	12	1	1	2	2	47	138	87	85	7	9	...	...	1	3
	15 to 20	34	52	60	116	7	18	...	...	15	8	140	290	233	116	48	25	2	...	11	15
	20 to 25	50	56	83	121	14	27	...	...	16	8	183	302	275	86	50	34	...	...	11	24
	25 to 30	45	55	87	111	18	10	1	...	32	8	174	259	286	106	85	34	2	...	22	13
	30 to 35	33	22	58	50	19	8	1	...	33	8	124	132	218	87	68	20	2	...	15	10
	35 to 40	30	27	56	37	19	11	...	...	23	6	112	111	319	183	80	19	...	...	25	9
	40 to 45	29	10	16	26	18	3	...	1	31	8	59	39	188	89	58	15	...	1	19	9
	45 to 50	14	7	33	21	27	14	...	...	25	5	46	28	352	244	52	11	...	...	23	17
	50 to 55	3	3	33	5	20	7	...	...	17	5	12		164	80	20	8	...	2	11	2
	55 to 60	4	1	34	13	36	15	...	...	21	1	10	9	350	271	33	12	...	...	14	10
	60 and over	1	1	18	12	53	38	...	...	21	13	2	5	275	269	31	9	1	2	25	18
	Unspecified Ages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES.	Males	273	...	1,007	...	1,139	...	5	...	240	...	920	...	4,627	...	761	...	9	...	181	...
	Females	...	284	...	1,218	...	864	...	4	...	76	...	1,332	...	3,585	...	412	...	7	...	133
	Persons	557		2,225		2,003		9		316		2,252		8,212		1,173		16		314	

27—*concluded.*

Table of DEATHS by Age, Sex and Cause in 1910—*continued.*

Ages.		LOCAL DISEASES—*contd.*								INJURIES.										All Causes.		All Ages.
		Generative System.		Still-born.		Organs of Locomotion and Connective Tissue.		Other Local Diseases.		General. Drowning.		General. Other General Injuries.		Local Injuries.		Poisons.		Unspecified Causes.				
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
DAYS	1 to 30	...	2	...	...	1	...	1	2	...	...	7	1	2	1	...	...	1	1	1,572	1,272	2,844
MONTHS	1 to 6	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1,340	1,229	2,569
	7 to 12	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	1	...	1,400	1,440	2,840
YEARS	1 to 2	...	...	...	...	1	...	...	...	1	3	1	2	1	...	1	1	...	...	1,040	1,196	2,236
	2 to 3	...	...	...	...	...	...	...	...	...	...	5	5	2	2	...	...	...	...	431	487	918
	3 to 4	...	...	...	...	2	...	...	...	...	...	4	3	1	1	1	...	...	...	248	260	508
	4 to 5	...	...	...	...	...	...	...	...	...	...	2	2	1	...	...	...	...	...	169	170	339
	5 to 10	...	...	...	...	3	...	...	...	5	2	3	10	6	2	...	1	...	...	524	649	1,173
	10 to 15	...	1	...	...	1	3	1	...	6	2	8	8	6	1	...	...	...	...	669	689	1,358
	15 to 20	...	37	...	...	4	2	...	2	12	5	19	12	11	3	3	2	...	1	1,573	1,274	2,847
	20 to 25	1	36	...	...	5	2	1	2	11	4	29	12	20	3	3	3	2	2	1,804	1,285	3,089
	25 to 30	2	34	...	...	9	2	...	1	12	3	35	7	23	2	5	3	6	2	1,698	1,143	2,841
	30 to 35	...	9	...	...	7	4	...	...	10	3	39	6	19	3	4	...	1	2	1,209	628	1,837
	35 to 40	2	9	...	...	12	3	2	1	4	...	25	13	16	1	2	1	3	...	1,242	672	1,914
	40 to 45	2	2	...	...	6	6	...	...	3	...	23	10	7	2	1	1	3	...	763	360	1,123
	45 to 50	1	...	...	...	5	1	4	1	7	...	20	4	6	...	...	...	...	2	945	533	1,478
	50 to 55	2	...	...	...	1	3	2	...	3	...	7	5	6	1	...	...	1	...	451	214	665
	55 to 60	3	1	...	...	4	2	1	1	...	1	23	9	1	3	...	...	2	...	894	633	1,527
	60 & over	...	1	...	...	3	4	1	1	1	...	24	11	8	5	...	...	...	1	1,388	1,427	2,815
	Unspecified	...	...	...	...	...	...	...	...	3	1	2	...	...	...	1	...	3	...	11	1	12
ALL AGES.	Males	13	...	901	...	64	...	14	...	78	...	278	...	136	...	21	...	23	...	19,371	...	...
	Females	...	132	...	665	...	32	...	11	...	24	...	121	...	31	...	12	...	12	...	15,562	...
	Persons	145		1,566		96		25		102		399		167		33		35		...		34,933

TABLE of Deaths by DISEASE and

Title of Orders.	Occupation or Trade of Family.	GENERAL DISEASES.															
					FEVER.												
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
Professional	1 (a) Imperial Government Officials, Clerks, &c.	2	..	15	..	2	1	6	..	..	..	..	..	..	1	..	..
Government	2 (b) Foreign Government Consuls, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	3 (c) Native States, Chiefs, Staffs, Retinue, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	4 (d) Mul. and Local Government Police, &c.	..	..	14	..	..	1	9	2	..	..	..	..	2	5	..	..
	Post and Telegraph Office, Peons, &c.	..	..	7	..	..	..	5	..	..	..	..	..	1	1	..	..
Defence	5 (a) Army	..	..	3	..	3	1	2	..	..	..	..	..	2	1	..	..
	6 (b) Navy	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Learned Professions	7 (a) Ministers of Religions, Professors, &c.	..	..	9	..	1	6	9	..	..	..	..	1	24	6	..	..
	8 (b) Law, Medicine, Literature (Science), &c.	..	..	..	..	3	1	..	..	..	..	..	..	1	..	..	..
	9 (c) Unlicensed Practitioners, Dentists, Opticians, Nurses, &c.	..	..	2	..	1	..	..	..	..	..	..	..	..	1	..	..
Commercial	10 (a) General Merchants in Special Goods	2	..	44	..	8	5	33	..	..	..	..	2	24	8	1	..
	11 (b) Bankers, Accountants, Clerks, Capitalists, Shroffs, &c.	4	..	48	..	15	9	32	..	1	..	..	3	18	16	1	..
	12 (c) Shopkeepers, other General Dealers, Hawkers, &c.	12	..	152	..	7	10	73	..	..	..	..	1	32	33	6	..
	13 (d) Intoxicating Drinks and Drugs Dealers	..	..	8	..	1	..	..	..	..	..	..	1	1	..	1	..
	14 (e) Vegetable Food Dealers	..	..	4	..	1	..	3	..	..	..	..	..	3	..	..	..
	15 (f) Vegetable Substance Makers and Dealers	..	..	1	..	..	..	5	..	..	..	..	..	..	1	..	..
	16 (g) Animal Food Dealers, Fishers, &c.	..	..	14	..	..	1	3	..	..	..	..	2	13	2	..	..
	17 (h) Animal Substance Makers and Dealers	..	..	2	..	..	..	6	..	..	..	..	..	1	1	..	..
	18 (i) Entertainers, Hotel, Club, Refreshment House Keepers	..	..	8	..	..	1	2	..	..	..	..	..	4	1	..	..
	19 (j) Carriers on Road, Horse, Carriage, Cart Keepers	7	..	81	..	1	3	62	..	..	..	..	4	12	20	1	..
	20 (k) Carriers on Seas, Boatmen Seamen, &c.	2	..	17	..	6	2	31	..	..	..	..	1	2	9	..	..
Railway	21 (a) Officials, Clerks, &c.	2	..	7	..	5	..	10	..	..	..	..	1	2	..	..	..
	22 (b) Workshop Servants, &c.	4	..	41	..	1	..	14	..	..	..	..	..	5	6	..	..
	23 (c) Labourers, Earth-workers, &c.	..	..	4	..	..	4	7	..	..	..	..	..	..	2	..	..
Port and Improvement Trusts and Harbour.	24 (a) Officials, Clerks, &c.	..	..	2	..	..	1	2	..	..	..	..	1	1	..	..	..
	25 (b) General Labourers, &c.	..	..	5	..	..	3	13	..	..	..	..	..	6	7	..	..
Tramway	26 (a) Officials, Clerks, &c.	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
	27 (b) General Labourers	..	..	3	..	..	1	4	..	..	..	..	..	1	..	..	..
Industrial	28 (a) Metal, &c., Workshop-keepers, Mechanical Tools Makers	..	..	1	..	..	1	3	..	..	..	..	..	4	1	..	..
	29 (b) Metal, &c., Workshop Servants, Labourers, &c.	3	..	10	..	2	1	10	..	..	..	..	2	3	10	1	..
	30 (a) Mills (Cotton, Silk, &c.), Masters, Managers, Clerks, &c.	2	..	4	..	2	..	5	..	..	..	..	..	2	1	..	..
	31 (b) Weavers, Spinners and other Workers	40	1	303	..	4	1	204	..	..	..	..	5	43	76	11	..
	32 (c) Presses (Printing, &c.), Printers, &c.	..	..	20	..	1	1	5	1	..	..	..	..	3	2	..	..

OCCUPATION in 1910.

						LOCAL DISEASES.												INJURIES.					
									RESPIRATORY SYSTEM.									GENERAL.					
Cancer.	Premature Birth.	Debility.	Old Age.	Tubercle of Lungs including other Tubercular diseases.	Other General diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Still-born.	Organs of Locomotion and Connective Tissue.	Other Local Diseases.	Drowning.	Other General Injuries.	Local Injuries.	Poison.	Unspecified Causes.	TOTAL.
1	..	..	1	3	3	4	..	2	..	13	4	..	..	..	..	..	1	..	..	..	..	..	59
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	2	3	..	4	..	2	4	29	2	..	1	..	..	..	..	..	2	..	..	..	83
..	..	..	5	..	2	..	..	2	..	16	2	..	1	..	..	..	..	1	..	..	..	..	43
..	..	..	..	..	1	1	..	..	2	8	3	..	..	..	..	..	..	1	..	2	..	..	30
..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	6
1	..	1	17	3	6	3	..	4	10	29	14	..	10	..	..	..	..	..	4	3	..	..	101
1	..	..	..	..	6	1	..	..		9	3	..	..	..	..	..	..	..	1	..	2	..	28
..	..	1	..	..	3	2	..	1	1	4	1	..	1	1	..	..	..	..	..	..	..	..	19
3	..	3	47	5	26	13	..	15	22	75	25	..	12	1	..	2	1	..	3	5	2	..	386
1	..	..	25	8	21	14	..	23	17	94	22	..	9	3	..	4	1	3	3	2	1	..	393
1	..	5	78	12	46	18	1	14	74	213	46	1	11	5	..	6	1	2	3	3	1	1	873
..	..	..	4	..	2	..	..	2	1	13	5	..	1	1	..	..	..	..	1	1	1	..	44
..	..	..	4	..	4	1	..	1	2	13	2	..	..	..	..	..	..	..	1	..	1	..	41
..	..	..	1	1	..	2	..	..	3	3	1	1	1	..	..	..	..	..	..	..	..	..	20
..	..	..	10	..	3	1	..	1	5	23	4	..	3	..	..	1	..	..	..	..	1	..	57
1	..	2	13	4	8	2	..	3	15	19	1	..	..	..	..	..	..	..	..	..	..	..	78
..	..	..	7	1	1	1	..	..	4	17	4	..	2	..	..	..	..	..	1	..	..	..	54
..	..	3	21	5	12	8	..	6	35	100	16	..	3	..	..	1	..	..	5	5	1	..	412
2	..	1	11	8	8	7	..	4	16	62	8	..	5	..	..	1	..	4	2	1	1	..	218
..	..	..	..	..	2	5	..	5	5	11	1	..	2	..	..	2	..	..	2	2	..	1	85
1	..	1	4	1	6	3	..	3	13	42	10	..	2	..	..	..	..	..	0	2	..	..	173
..	..	..	1	..	1	..	..	..	..	8	1	..	..	..	..	..	1	..	2	2	..	..	33
..	..	..	2	..	1	..	..	1	2	6	3	..	..	..	..	..	..	1	1	..	..	..	24
..	..	1	3	4	3	..	..	..	6	32	3	..	1	..	..	..	..	..	3	4	1	..	101
..	..	..	1	1	..	..	..	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	8
..	..	..	1	1	..	..	..	..	5	6	..	..	..	..	..	1	..	..	..	1	..	..	24
1	..	..	..	..	..	3	..	2	1	2	2	..	..	..	..	1	..	..	..	..	..	..	22
..	..	..	..	2	3	4	..	1	11	16	4	..	1	..	..	..	..	1	..	1	..	..	86
..	..	..	..	..	1	1	..	..	3	5	4	..	1	..	..	..	..	..	..	..	..	..	31
1	..	1	99	12	60	8	..	9	178	316	53	1	9	2	..	3	..	5	13	3	2	1	1,463
..	..	..	2	3	6	1	..	..	4	29	6	..	1	..	..	..	..	..	..	..	..	..	76

TABLE of Deaths by DISEASE and

Title of Orders	Occupation or Trade of Family.	GENERAL DISEASES.															
					FEVER.												
		Small-pox.	Measles.	Plague.	Scarlet Fever.	Enteric Fever.	Malarial Fever.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Whooping Cough.	Diphtheria.	Cholera.	Diarrhœa.	Dysentery.	Puerperal Septicæmia.	Leprosy.
	33 (b) Other General Labourers ..	..	..	2	..	..	1	..	..	..	..	..	..	..	1	..	..
Art	34 (a) Engineers, Photographers, Electricians, Architects	..	..	2	..	3	4	3	..	..	..	..	..	3	2	..	..
	35 (b) Builders in Boats, Houses, Coaches, &c.	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
	36 (c) Watchmakers, Gilders, Engravers, &c.	..	..	2	..	..	..	3	..	..	..	..	..	..	2	1	..
	37 (d) Metal Workers	1	..	41	..	..	3	23	..	..	..	..	5	10	9	..	..
	38 (e) Wood Workers	13	..	49	..	..	3	19	..	1	..	..	3	8	13	..	..
	39 (f) Stone Workers (Precious) ..	..	..	3	..	..	..	1	..	..	..	..	..	1	2	1	..
	40 (g) Leather Workers	2	..	27	..	..	..	15	..	..	..	..	..	4	8	1	..
	41 (h) Earth, Stone, Clay, &c., Workers	..	..	17	..	1	..	8	..	..	..	..	..	5	6	..	..
	42 (i) Textile Fabrics (Cotton, Silk, &c.), Workers	..	..	5	..	..	..	2	..	..	..	..	..	2	2	..	..
	43 (j) Dyers, Painters, &c.	1	..	15	..	..	2	6	..	..	..	..	..	4	8	..	1
	44 (k) Glass Workers	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
	45 (l) Salt Workers	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
	46 (m) Water Workers	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
	47 (n) Miscellaneous Workers ..	..	..	6	..	..	1	7	1	..	..	..	..	5	5	1	..
	48 (o) Players, Actors, Dancers, Prostitutes, &c.	..	..	4	..	..	..	4	..	..	..	..	..	3	3	..	..
Agriculture ..	49 (a) Gardeners, Cultivators, Farmers, &c.	..	..	18	..	1	1	11	..	..	..	..	1	4	10	2	1
	50 (b) Grass, Hay, Forage, &c., Dealers	..	..	1	..	..	..	1	..	..	..	..	..	1	1	..	..
Other and unspecified.	51 (a) Barbers, Washers, Tailors, Cooks, Bakers, &c.	52	..	103	..	5	13	99	..	..	..	..	3	19	40	7	..
	52 (b) General Labourers	76	..	469	..	5	38	257	12	..	..	..	28	71	102	4	..
	53 (c) Domestic Servants, Bhatis, &c.	27	..	29	..	..	2	20	2	..	..	..	4	4	10	1	..
	54 (d) Servants not otherwise described	8	..	171	..	3	6	105	1	..	..	..	4	31	20	..	..
	55 (e) Municipal Bigaries	7	..	65	..	..	1	47	1	..	..	..	5	15	26	2	..
Persons of independent means.	56 (a) Landlords	..	..	2	..	1	..	4	..	..	..	..	..	1	..	..	..
	57 (b) Pensioners	..	..	3	..	..	5	10	..	..	..	..	..	15	8	..	..
	58 (c) Mendicants, &c.	11	..	100	..	1	15	85	3	..	..	..	8	59	30	..	3
Others	59 (a) Students	4	..	38	..	7	1	7	2	..	..	..	..	1	4	..	..
	60 (b) Prisoners and Convicts ..	..	..	2	..	..	1	..	..	..	..	..	..	3	..	..	..
	61 (c) Others (Pilgrim Travellers) ...	24	..	..	..	1	2	80	..	..	..	..	..	53	8	..	..
	62 Persons following no occupations—Male ..	14	..	152	..	4	34	68	2	1	..	..	3	92	56	4	41
	63 Do. no occupations—Female ..	99	1	710	..	28	45	445	2	..	..	..	8	341	181	344	24
	64 Do. do. Children	589	182	792	..	28	46	788	3	..	11	2	11	1,191	427	3	2
	Total ..	1,008	184	3,656	..	156	295	2,630	34	3	11	2	107	2,155	1,197	394	72

—*contd.*

OCCUPATION in 1910—*concluded.*

							LOCAL DISEASES.											INJURIES.					
										RESPIRATORY SYSTEM.							GENERAL.					
Cancer.	Premature Birth.	Debility.	Old Age.	Tubercle of lungs including other Tubercular diseases.	Other General diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Phthisis.	Other Diseases of Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Generative System.	Skin-born.	Organs of Locomotion and connective Tissue.	Other Local Diseases.	Drowning.	Other general Injuries	Local Injuries.	Poison.	Unspecified Causes.	Total.
..	..	..	2	..	..	..	..	..	7	2	..	..	..	..	..	..	..	1	..	..	1	..	17
1	..	..	3	..	3	1	..	2	4	11	1	..	1	..	..	..	..	..	..	..	..	..	44
..	..	..	1	..	..	..	..	..	2	1	2	..	..	..	..	..	..	..	..	..	..	..	6
..	..	1	3	..	2	1	..	2	2	2	2	..	..	..	..	..	..	..	..	..	..	..	30
..	..	1	22	3	4	7	..	4	16	63	21	..	1	..	..	1	..	2	4	1	..	1	243
..	..	..	25	6	7	11	..	9	27	37	13	..	2	..	..	..	..	1	5	3	..	..	274
..	..	..	1	..	..	..	..	..	2	4	4	..	..	..	..	..	..	..	..	..	..	..	15
..	..	1	17	..	3	2	..	..	18	33	5	..	2	..	..	..	..	..	3	..	..	..	147
..	..	..	14	1	4	2	..	1	9	31	3	..	..	..	..	1	..	..	3	2	..	..	108
..	..	..	4	1	2	..	..	..	6	5	4	..	2	..	..	..	..	..	..	..	..	..	36
..	..	..	9	4	4	2	..	2	10	38	8	..	..	1	..	1	..	1	..	2	..	..	113
..	..	..	1	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	10	1	2	1	..	..	15	16	4	..	..	..	..	..	..	1	..	1	..	..	73
..	..	..	2	1	8	..	..	..	14	15	1	..	2	1	..	..	..	1	1	..	1	..	13
..	..	..	8	1	8	2	..	1	5	24	10	..	3	..	..	1	..	..	..	1	..	..	103
..	..	..	1	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	3
3	..	3	102	14	39	17	..	19	71	218	28	..	18	..	..	2	1	2	8	5	1	2	810
2	..	7	93	31	63	16	..	18	145	451	70	..	19	2	..	8	..	18	51	46	4	1	2,107
..	..	..	11	4	11	1	..	6	11	31	9	..	..	2	..	..	1	1	1	4	..	..	193
2	..	2	56	11	24	9	..	12	31	185	31	..	7	1	..	3	..	..	1	1	2	1	618
..	..	1	12	4	9	3	..	..	22	78	10	1	2	..	..	1	..	2	3	2	1	..	330
..	..	..	3	..	1	3	..	2	3	10	4	..	..	..	..	1	..	..	..	..	..	..	40
..	..	..	32	1	5	7	..	5	..	32	6	..	1	..	..	..	..	..	..	1	..	..	131
1	..	10	59	22	33	9	1	14	66	163	13	..	12	3	..	4	..	2	23	3	5	5	744
..	..	..	..	7	4	3	..	3	5	16	4	..	2	..	..	2	1	2	4	..	..	..	118
..	..	..	1	1	1	1	..	..	2	3	1	..	..	..	..	..	..	..	..	..	..	..	14
..	..	3	18	2	5	1	..	2	7	28	4	..	5	..	..	5	..	..	29	..	1	1	233
1	..	12	177	71	72	48	..	37	78	231	61	2	31	3	..	10	4	22	83	13	1	8	1,436
23	..	65	972	206	452	133	1	66	1,019	1,796	149	7	118	100	..	28	9	13	66	20	4	8	6,364
1	147	2,601	..	83	1,326	1,516	6	7	322	3,592	457	3	9	18	..	6	4	18	65	26	3	8	34,887
30	147	2,726	1,399	557	2,225	2,008	9	316	2,855	8,212	1,173	16	314	149	..	96	23	102	399	167	33	35	34,923

TABLE of DEATHS by Race, Age and Sex in 1910.

RACE.		Ages.																			
		1 to 30 days.		1 to 6 months.		7 to 12 months.		1 to 2 years.		2 to 3 years.		3 to 4 years.		4 to 5 years.		5 to 10 years.		10 to 15 years.		15 to 20 years.		20 to 25 years.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Jains		24	12	38	34	43	53	24	29	9	8	4	3	2	4	17	21	36	14	100	62	87	36
Brahmins		46	31	46	43	67	48	49	46	12	15	5	12	5	8	10	12	15	24	64	55	83	50
Lingaits		3	7	6	7	9	5	5	7	3	1	2	2	1	2	2	3	5	...	7	7	5	5
Bhatias		11	7	21	6	10	11	7	4	...	3	1	2	3	2	2	5	3	12	6	18	6	12
Hindus of other Castes ...		309	612	544	549	639	679	451	562	202	223	136	128	78	88	258	310	363	290	850	595	973	586
Hindus, Low Castes		212	195	213	181	207	212	197	200	81	82	28	31	25	21	63	68	57	60	123	97	147	119
Mussalmans		291	294	328	286	300	292	200	250	93	130	59	72	44	35	128	189	146	234	285	373	351	357
Parsees		60	42	46	26	63	65	62	48	16	16	5	3	3	4	16	15	15	14	27	19	26	33
Jews		13	7	10	6	8	8	7	11	3	2	2	1	2	1	2	4	2	5	3	7	5	9
Native Christians		84	91	65	74	50	53	30	31	7	13	4	5	6	5	18	17	24	33	96	86	89	63
Eurasians		1	3	6	7	6	6	2	4	2	2	2	1	...	...	4	2	1	1	1	3	7	8
Europeans		8	6	16	19	5	6	6	4	3	2	...	1	...	...	4	3	2	1	5	2	15	5
Negro-Africans		...	...	1	1	1	1	...	...	...	...	...	...	...	...	...	...	...	1	4	...	...	2
Buddhists		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...
Other and Unknown Castes ...		10	5	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All Castes ...	Males ...	1,572	...	1,340	...	1,460	...	1,040	...	431	...	248	...	169	...	524	...	669	...	1,573	...	1,804	...
	Females ...	...	1,272	...	1,220	...	1,440	...	1,196	...	487	...	260	...	170	...	649	...	689	...	1,274	...	1,285
	Persons ...	2,844		2,560		2,840		2,236		918		508		339		1,173		1,358		2,847		3,089	

TABLE of DEATHS by Race, Age and Sex in 1910—*concluded.*

Race.	Ages—*concld.*																			
	25 to 30 years.		30 to 35 years.		35 to 40 years.		40 to 45 years.		45 to 50 years.		50 to 55 years.		55 to 60 years.		60 and over.		Unspecified Ages.		All Ages.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females	Males.	Females.	Males.	Females.	Persons.
Jains	59	26	42	18	39	13	34	10	29	13	28	5	23	6	28	32	...	...	666	398	1,064
Brahmins	59	37	42	18	54	30	27	19	37	24	23	11	31	15	55	35	...	...	724	532	1,256
Lingaits	9	4	4	1	6	3	3	3	1	...	2	1	4	3	2	3	...	...	85	69	154
Bhatias	8	8	4	9	13	5	6	4	8	6	14	6	11	12	16	27	...	...	149	159	308
Hindus of Other Castes	939	528	647	306	558	264	379	161	410	252	183	86	358	296	515	623	4	1	9,266	7,169	16,435
Hindus, Low Caste	131	119	70	44	101	79	36	27	70	54	11	6	73	68	71	95	...	...	1,916	1,758	3,674
Mussalmans	378	335	295	154	365	203	171	78	288	130	109	56	323	179	491	376	4	...	4,649	3,943	8,592
Parsees	19	24	42	29	30	29	32	26	56	20	36	22	47	29	127	162	...	...	707	626	1,333
Jews	1	7	5	3	3	7	5	3	5	3	6	2	3	3	8	13	...	...	93	102	195
Native Christians	64	39	43	31	53	29	44	23	50	21	27	13	32	16	53	41	1	...	840	633	1,473
Eurasians	6	5	1	4	8	4	6	3	3	2	2	2	...	2	4	6	...	...	62	65	127
Europeans	20	10	14	10	20	4	19	4	8	6	8	4	9	4	15	7	...	...	177	89	266
Negro-Africans	3	1	...	...	2	2	1	...	...	2	2	...	...	...	3	1	...	...	17	11	28
Buddhists	1	..	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	6	3	9
Other and Unknown Castes ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	14	5	19
All Castes. Males	1,698	...	1,209	...	1,242	...	763	...	945	...	451	...	894	...	1,388	...	11	...	19,371	...	...
All Castes. Females	...	1,143	...	623	...	672	...	360	...	533	...	214	...	633	...	1,427	...	1	...	15,562	...
All Castes. Persons	2,841		1,837		1,914		1,123		1,478		665		1,527		2,815		12		.....		34,933

TABLE showing by Races the Rate of Mortality per 1,000 of Population from different Death Causes in 1910.

Race or Caste.	Small-pox.	Measles.	Plague.	Fevers.	Enteric.	Malaria.	Ague.	Relapsing.	Cholera.	Diarrhœa.	Dysentery.	Phthisis.	Other Respiratory Diseases.	Accidents.	All Other Causes.	All Causes.
Hindus	·96	·19	4·28	2·84	·05	·22	2·58	·03	·12	1·91	1·11	1·95	7·90	·59	10·50	32·41
Mussalmans (including Negro-Africans)	1·10	·15	2·48	4·12	·10	·45	3·55	·02	·04	3·07	1·82	4·61	12·56	1·19	19·90	51·10
Parsees	·24	·04	1·68	2·94	·61	·43	1·90	.....	·10	2·25	·88	·92	3·05	·36	18·98	27·80
Jews	·18	·37	1·30	2·42	·74	·18	1·49	.....	.....	2·42	1·49	2·23	7·82	1·11	16·95	36·33
Native Christians	3·87	·52	3·63	5·92	·89	·86	4·10	·06	·09	4·30	1·09	1·95	7·54	1·02	18·95	48·73
Eurasians	·76	.....	1·78	3·57	1·02	·25	2·30	.....	.....	2·30	2·4	·76	4·34	·25	16·61	32·47
Europeans	·62	.....	·34	3·82	2·29	·83	·69	.....	·06	1·66	·83	.....	1·94	1·11	8·20	18·50
Buddhists	.....	.....	.....	7·04	3·52	3·52	.....	.....	.....	.....	.....	.....	7·04	3·52	14·08	31·69
Other and Unknown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	1·03	·18	3·73	3·18	·15	·29	2·68	·03	·10	2·20	1·22	2·33	8·39	·71	12·59	35·72

TABLE showing the Population and the Number of Births and Birth-rates by Section and Sex in 1910.

Ward.	SECTION.	POPULATION ACCORDING TO THE CENSUS of 1901.					BIRTHS.					
		Males.	Females.	Persons.	Number of persons under 1 year.	Number of persons of 1 year and under 5 years.	Number of Children born alive during the year.	Males.	Females.	Birth-rate per 1,000 of population.	Number of male to every 100 female births.	Number of still-born.
A.	Upper Colaba	2,803	921	3,775	23	6	92	38	54	24·37	70·37	4
	Middle and Lower Colaba	10,064	5,246	15,310	100	50	265	130	135	17·30*	96·29	20
	Fort South	3,170	774	3,944	6	5	18	7	11	4·56	63·63	3
	Fort North	17,269	11,509	28,778	236	89	510	251	259	17·72	96·91	55
	Esplanade	7,747	3,268	11,015	56	37	157	82	75	14·25	109·33	22
B.	Mandvi	23,211	14,947	35,158	307	119	430	238	192	11·26	123·95	33
	Chukla	18,882	10,480	29,362	256	97	507	257	250	17·26	102·80	50
	Umarkhadi	32,261	21,349	53,610	484	222	1,154	628	556	22·08	112·94	97
	Dongri	17,427	15,236	32,663	354	143	727	389	338	22·25	115·08	53
C.	Market	24,534	10,771	35,305	191	79	293	145	148	8·29	97·97	31
	Dhobi Talao	22,778	13,816	36,594	264	153	752	376	376	20·54	100·00	69
	Fanaswadi	18,533	10,707	29,240	177	104	467	234	233	15·97	100·42	47
	Bhuleshwar	25,086	13,043	38,129	289	120	509	259	250	13·34	103·60	52
	Khara Talao	16,906	10,029	26,935	257	120	521	261	260	19·34	100·38	35
	Kumbharwada	20,738	13,046	32,784	276	135	522	281	241	15·92	116·59	41
D.	Khetwadi	20,968	12,611	33,579	321	136	543	292	251	16·17	116·33	43
	Girgaum	17,388	11,061	28,449	228	130	522	261	561	18·34	100·00	47
	Chaupati	7,765	5,268	13,033	72	41	181	95	86	13·88	110·46	12
	Walkeshwar	8,448	4,237	12,685	46	23	165	84	81	13·00	103·70	16
	Mahalakshmi	15,199	9,451	24,650	146	75	481	254	227	19·51	111·89	52
E.	Mazagaon	18,481	12,391	30,872	316	147	690	373	317	22·35	117·66	55
	Tarwadi	16,439	9,839	26,278	405	132	754	378	376	28·69	100·53	60
	2nd Nagpada	13,102	8,914	22,016	278	152	495	252	243	22·48	103·70	56
	Kamathipura	21,109	15,375	36,484	404	232	788	422	366	21·59	115·30	66
	Tardeo	16,552	11,841	28,193	264	161	644	339	305	22·84	111·14	54
	Byculla	47,846	28,434	76,280	806	465	2,693	1,327	1,366	35·30	97·14	140
	1st Nagpada	2,237	1,098	3,335	54	13	124	63	61	37·18	103·27	5
F.	Parel	28,774	18,186	46,960	384	127	1,041	533	508	22·16	104·92	60
	Sewri	9,655	6,530	15,985	156	65	418	222	191	26·14	116·24	29
	Sion	18,225	12,290	30,515	273	118	796	417	379	26·08	110·02	60
G.	Mahim	18,203	12,975	31,178	258	117	819	437	408	26·24	108·43	73
	Worli	41,754	27,734	69,488	711	358	1,809	962	847	26·03	113·57	125
	Harbour, Docks, Railways and Homeless	29,606	2,634	32,240	... ...	.....	1	1	.....	·03	... ...	1
	Total ...	6,12,965	3,64,811	9,77,822	8,253	4,001	19,939	10,293	9,646	20·39	106·70	1,566

TABLE showing the number of Still-born by Race and Month in 1910.

MONTHS.	MALES.																FEMALES.																PERSONS.															
	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	Total.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	Total.
January.. ..	..	5	1	..	34	7	13	5	..	4	..	1	..	..	2	72	1	1	...	1	16	7	10	6	..	4	..	..	..	..	2	58	1	6	1	1	60	14	23	11	..	8	..	1	..	..	4	130
February ..	..	3	..	1	28	11	16	1	..	3	..	..	..	..	3	66	..	..	..	..	19	8	18	2	..	3	1	..	..	..	1	52	..	3	..	1	47	19	34	3	..	6	1	..	..	..	4	118
March	..	1	..	..	28	10	12	..	1	5	1	..	..	...	2	60	1	1	..	1	13	8	9	3	..	2	..	..	..	..	2	40	1	2	..	1	41	18	21	3	1	7	1	..	..	..	4	100
April	1	..	..	1	33	9	18	5	1	5	..	..	..	..	1	74	1	1	..	..	23	4	8	1	..	1	..	1	..	..	..	40	2	1	..	1	56	13	26	5	1	6	..	1	..	..	1	114
May	2	..	..	..	33	11	15	4	..	3	..	1	..	..	..	70	1	2	..	..	28	11	6	1	1	4	..	..	..	..	2	56	3	2	..	..	61	22	22	5	1	7	..	1	..	..	2	126
June	..	3	..	..	20	7	21	2	1	4	..	..	..	..	3	61	..	2	..	..	22	11	12	3	2	1	..	..	..	..	2	55	..	5	..	..	42	18	33	5	3	5	..	..	..	..	5	116
July	2	1	..	..	40	19	16	1	..	3	..	..	..	..	5	87	..	..	..	..	24	7	17	1	..	5	..	..	..	..	1	55	2	1	..	..	64	26	33	2	..	8	..	..	..	..	6	142
August	3	4	..	..	46	15	11	4	2	..	..	1	..	..	5	91	..	1	..	..	25	5	10	3	..	3	..	1	..	..	..	52	3	5	..	..	71	24	21	7	2	3	..	2	..	..	5	143
September ..	..	2	..	..	42	14	19	5	1	3	..	..	..	..	2	88	1	1	..	1	42	11	16	6	1	4	..	1	..	..	5	89	1	3	..	1	34	25	35	11	2	7	..	1	..	..	7	177
October	2	2	..	2	45	18	14	3	1	4	..	1	..	..	4	96	2	4	..	1	22	5	14	2	2	4	..	..	..	..	1	57	4	6	..	3	67	23	28	5	3	8	..	1	..	..	5	153
November ..	..	3	..	2	35	8	19	4	1	2	..	..	..	..	3	77	2	2	1	1	25	9	13	4	1	..	..	..	..	..	1	59	2	5	1	3	60	17	32	8	2	2	..	..	..	..	4	136
December ..	2	1	..	..	23	7	11	7	1	1	..	..	..	..	1	59	1	1	..	..	26	8	9	4	1	1	..	..	..	..	1	52	3	2	..	..	54	15	20	11	2	2	..	..	..	..	2	111
Total ..	12	25	1	6	412	136	186	41	9	37	1	4	..	..	31	901	10	16	1	5	295	98	142	36	8	32	1	3	..	..	18	665	22	41	2	11	707	234	328	77	17	69	2	7	..	..	49	1,566

TABLE showing the number of Still-born by Section and Month in 1910.

MONTHS.	A					B				C						D					E							F			G		Harbour Docks, Railways and Hospitals.	TOTAL.
	Upper Colaba.	Middle and Lower Colaba.	Fort South.	Fort North.	Esplanade.	Mandvi.	Chakla.	Umarkhadi.	Dongri.	Market.	Dhobi Talao.	Fanaswadi.	Bhuleshwar.	Khara Talao.	Kumbharwada.	Kheswadi.	Girgaum.	Chaupati.	Walkeshwar.	Malabarhill.	Mazagaon.	Tarwadi.	Ind. Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parel.	Sewri.	Sion.	Mahim.	Worli.		
January ..	...	1	..	4	..	1	3	4	3	1	10	4	8	3	1	7	6	1	2	3	4	3	3	6	6	6	2	9	4	9	8	8	..	120
February ..	..	1	..	8	1	..	5	13	4	3	3	5	3	2	2	3	3	..	3	1	4	2	3	5	2	10	..	3	2	10	7	10	..	113
March ..	1	3	..	2	3	5	1	6	1	2	1	3	5	1	1	1	3	1	..	5	4	2	3	4	4	16	..	1	1	6	3	12	..	100
April ..	1	..	..	3	4	3	3	4	4	3	3	3	4	1	3	7	3	1	..	1	6	4	5	2	5	10	..	6	4	2	5	15	..	114
May	..	2	..	2	2	3	5	6	2	..	5	3	4	3	3	4	9	..	1	5	3	4	4	3	7	9	..	3	4	5	5	10	..	126
June	..	2	1	2	1	1	9	9	3	1	6	3	7	3	3	1	2	2	1	3	2	4	5	4	2	15	..	3	2	4	6	7	..	116
July	..	2	1	2	..	4	5	11	10	3	5	5	6	4	5	2	2	3	1	2	3	8	5	6	3	8	..	9	4	6	9	8	..	143
August ..	1	5	..	6	3	1	4	8	3	3	4	7	3	2	4	2	7	..	1	5	5	7	4	8	7	11	1	4	2	2	8	18	..	143
September ..	..	4	..	13	3	3	4	9	12	..	13	4	4	4	4	4	5	1	2	10	3	8	6	10	7	16	..	5	2	4	7	4	...	177
October ..	..	..	..	8	3	5	4	11	4	7	7	2	4	5	3	6	4	1	3	8	6	7	6	4	3	13	1	9	3	6	6	8	..	133
November ..	..	..	1	4	1	4	6	9	3	2	8	4	4	3	5	4	2	1	1	6	2	5	8	10	5	15	..	2	1	1	4	16	1	126
December ..	1	2	..	4	2	3	2	8	4	6	4	2	..	4	3	2	1	1	1	3	3	5	6	4	3	11	1	6	..	5	6	9	..	111
Total ..	4	20	3	55	22	33	50	97	63	31	69	47	52	35	41	43	47	12	16	52	55	60	56	68	54	140	5	60	29	60	73	125	1	1,566

TABLE of DEATHS in different Hospitals and Asylums from Principal Causes in 1910.

HOSPITALS.	GENERAL DISEASES.																						LOCAL DISEASES														Injuries.		Unspecified Causes.		TOTAL.		
	Still-born.		Small-pox.		Measles.		Plague.		Fevers.		Cholera.		Diarrhœa and Dysentery.		Puerperal Septicæmia.		Leprosy.		Premature Birth.		Other General Diseases.		Nervous System.		Circulatory System.		Phthisis.		Other Diseases of the Respiratory System.		Digestive System.		Urinary System.		Generative System.		Other Local Diseases.									
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.
Adams Wylie Hospital ..	..	..	..	..	..	..	..	..	4	..	..	..	12	1	..	..	..	..	..	..	8	1	..	..	..	..	39	4	17	..	6	..	1	..	..	..	1	1	..	..	..	..	88	7	95
Arthur Road Hospital ..	..	..	167	63	5	7	3	2	18	3	11	2	11	2	..	..	..	..	..	1	18	7	4	..	..	1	6	4	19	4	3	..	..	..	..	..	..	..	..	..	..	..	285	96	381
Bai Motlabai Hospital ..	60	33	..	..	..	..	..	2	2	3	..	..	14	27	..	7	..	..	25	14	6	20	5	7	1	6	2	2	4	8	2	10	..	2	..	11	1	..	6	3	..	..	68	122	190
Cama Hospital	40	37	..	..	..	..	..	..	..	1	..	..	2	6	..	2	..	..	17	10	9	44	..	12	1	5	..	6	2	9	3	11	..	4	..	8	..	..	..	..	..	..	34	118	152
Colaba Lunatic Asylum ..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	3	1	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	4	6	10
Colaba Station Hospital ..	..	1	..	1	..	.	..	..	2	1	..	..	1	..	..	..	..	..	1	2	3	1	..	1	..	..	1	..	2	1	1	..	..	..	..	1	..	..	..	..	..	..	11	8	19
Dr. Massina's Hospital ..	6	9	1	..	..	..	1	..	6	5	..	..	2	3	..	..	..	..	2	2	22	10	..	2	..	2	..	..	3	2	5	1	3	2	1	..	3	4	..	..	..	..	48	39	91
Goculdas Tejpal Hospital ..	..	..	..	..	..	..	10	1	32	3	1	..	95	8	..	..	..	..	..	..	68	18	11	3	6	..	1	..	65	2	27	2	26	1	1	..	10	2	59	17	..	..	412	58	470
J. J. Hospital	..	1	..	..	..	..	1	1	69	13	..	..	127	31	..	..	..	..	..	..	105	74	30	13	26	5	93	37	219	28	98	6	55	9	5	1	30	7	70	30	..	..	972	255	1227
Matunga Leper Asylum ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	24	58
Maratha Hospital	..	2	..	..	..	..	290	64	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	296	55	351
Molikhana Hospital ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Parsee Hospital	..	1	..	..	..	..	2	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	5	7
Parsee Lying-in-Hospital ..	12	13	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	4	6	5	3	..	..	..	..	..	..	2	1	1	1	..	1	..	..	..	1	..	..	..	..	12	14	26
Police Hospital	..	..	..	..	..	..	3	..	1	..	..	..	2	..	..	..	..	..	..	..	3	..	1	..	..	..	..	..	13	..	1	..	..	..	..	..	..	..	..	..	..	..	24	..	24
St. John's Hospital ..	2	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	..	3	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	5	7
St. Joseph's Foundling Hospital.	..	..	..	..	..	1	..	..	23	24	..	..	9	8	..	..	..	..	..	2	10	20	..	1	..	..	..	..	1	1	4	5	..	..	..	..	1	1	..	..	..	..	42	63	105
St. George's Hospital ..	3	3	7	2	..	..	..	2	32	11	..	..	17	12	..	..	..	..	3	2	18	14	4	1	2	1	..	..	27	9	15	7	4	..	1	1	1	4	..	..	..	..	134	64	198
116th Maratha Infantry Hospital.	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	10	1	11
Dr. Kerawalla's Hospital ..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
96th Berar Infantry Hospital	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
TOTAL.. Males ..	125	..	175	..	5	..	310	..	194	..	12	..	288	..	..	..	34	..	52	..	337	..	56	..	38	..	147	..	384	..	168	..	67	..	7	..	46	..	139	..	..	..	2459	..	..
TOTAL.. Females ..	..	122	..	66	..	8	..	67	..	67	..	2	..	93	..	9	..	24	..	42	..	220	..	41	..	20	..	53	..	65	..	45	..	19	..	22	..	17	..	50	..	..	..	935	..
TOTAL.. Persons ..	247		241		13		377		261		14		386		9		58		94		557		97		58		200		449		213		86		29		63		189		....		3394	3394

TABLE showing the Number of Plague Deaths by Streets and Races during 1910.

Ward.	Section.	Locality. Street.	Population by Census of 1906.	Races. Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Low Hindus, Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Upper Colaba.																	
▲	Upper Colaba.	Colaba Road	3,775	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	3
		Lunatic Asylum		...	...	...	...	2	1	...	1	...	...	...	...	...	...	...	2
		Pilot Bunder		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Middle and Lower Colaba.																	
	Middle and Lower Colaba.	Arthur Bunder Road	16,310	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bohra Street		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Colaba Road		1	...	...	...	5	1	...	1	...	...	1	1	...	...	...	10
		Gun Carriage Street ...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Hamal Lane		1	1	...	...	10	1	...	...	...	...	...	...	...	...	...	13
		Jamsetji Bunder ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Koli 3nd Lane		...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	4
		Koli 4th Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
▲		Manekji Street		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Merewether Road ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Naoroji Street... ...		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Naoroji Ferdunji Road		...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
		Ormiston Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Pestonji Street ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Thomas Road... ...		...	...	...	...	8	1	2	...	...	1	...	...	...	...	...	12
		Victoria Bunder ...		...	...	...	...	13	1	...	...	...	...	...	...	...	...	...	14
		Wodehouse Road		...	...	...	...	3	...	...	1	...	...	...	...	...	...	...	4
		Fort, South.																	
	Fort, South.	Apollo Street... ...	3,944	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Apollo Pier Road ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Custom House Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dalal Street		...	...	...	...	1	...	...	...	...	1	...	2	...	...	...	2
		Green Street		...	...	...	...	...	...	1	...	...	...	...	2	...	...	...	3
▲		Hummum Street ...		...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
		Meadows Street ...		...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	2
		Military Square Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Rope Walk Lane ...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Tamarind Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Fort, North.																	
	Fort, North.	Bomanji Lane	28,778	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Bazar Gate Street ...		...	...	...	2	5	1	1	2	...	1	...	...	...	...	...	10
		Beef Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bohra Bazar Street ...		1	2	...	...	5	...	...	5	...	...	...	...	...	...	...	13
		Bohra Musjid Lane ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Calicut Street		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Cawasji Patel Street ...		...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	3
		Cochin Street		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Frere Road		1	...	...	...	4	...	2	3	...	1	...	...	...	...	...	11
		Goa Street		...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	4
▲		Gogha Street		...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	3
		Gola Lane		...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	2
		Gunbow Street		...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2
		Homji Street		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Karwar Street ...		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		King Lane		1	1	...	2	1	...	...	...	...	...	...	...	...	...	...	5
		Kumpta Street ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Manordass Street ...		...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2
		Mangesh Senoi Street...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Maruth Street		...	...	...	...	6	...	...	3	...	...	...	...	...	...	...	9
		Mint Road		1	...	...	1	4	...	1	...	...	...	...	...	...	...	...	7
		Mody Street		1	...	...	...	8	...	1	7	...	...	...	...	...	...	...	17
		Nanabhai Lane ...		...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	3
		Parsi Bazar Street ...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.				Population by the census of 1906.	Races.														
Ward.	Section.	Street.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Muhammadans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Fort, North.																		
A	Fort, North.	Mint Cross Lane	...	28,778	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Pitha Street	...		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Police Court Lane	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Police Court Cross Lane	...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Parsi Panchayat Lane	...		...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2
		Raghunath Dadaji Street	...		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		No fixed place of residence	...		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
		Esplanade.																		
A	Esplanade.	Carnac Road	...	11,015	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Esplanade Road	...		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Fort Street	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Hornby Road	...		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
		Improvement Trust Chawls	...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Infantry Hospital	...		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		New Dock Compound	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Paltan Road	...		...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	4
		Rampart Row	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		No fixed place of residence	...		...	...	...	...	6	...	2	...	...	...	...	...	...	...	...	8
		Mandvi.																		
B	Mandvi.	Argyle Road	...	38,168	4	...	...	...	7	...	...	...	...	...	...	...	...	...	...	11
		Argyle Cross Road	...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	3
		Bhandari Street	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Bhandari Cross Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bhandup Street	...		1	...	...	...	4	...	...	...	...	...	...	...	...	...	...	5
		Broach Street	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Baroda Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Clive Road	...		...	1	...	...	5	...	...	...	...	...	...	...	...	...	...	6
		Chukla Street	...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Chinch Bunder	...		2	1	...	...	7	...	...	...	...	...	...	...	...	...	...	10
		Chinch Bunder Cross Lane	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Cumbharwada Cross Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chukla Street Cross Lane	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dongree Street	...		5	...	...	...	10	...	...	...	...	...	...	...	...	...	...	15
		Don Tad Cross Lane	...		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		De'Souza Street	...		...	1	...	...	7	...	...	...	...	...	...	...	...	...	...	8
		De'Souza Cross Lane	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dariasthan Street	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Isajee Street	...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Isajee Street Cross Lane	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Iron Jetha	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Jambli Street	...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Jambli Cross Lane	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Janjiker Street	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Kazi Syed Street	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Khaduk Street	...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Musjid Siding Road	...		...	1	...	...	10	...	...	...	...	...	...	...	...	...	...	11
		Musjid Station Road	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Old Bengalpura	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Samuel Street	...		1	...	...	1	5	...	5	...	...	...	...	...	...	...	...	12
		Surat Street	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Chukla.																		
C	Chukla.	Abdul Rehman Street	...	29,362	...	...	...	...	1	...	3	...	...	...	...	...	...	...	...	4
		Bhajee Pala Street	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Chukla Street	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Jakeria Musjid Road	...		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Kolsa Mohola	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Memonwada Road	...		...	...	...	...	11	...	9	...	...	...	...	...	...	...	...	20
		Musjid Bunder	...		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Nagdevi Street	...		...	...	...	...	4	...	11	...	...	...	...	...	...	...	...	15
		Narayen Dhuru Street	...		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Nakhoda Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Pydhoni Road	...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Sarang Street	...		...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	8

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.				Population by the census of 1906.	Races.														
Ward.	Section.	Street.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Low Hindus, Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Umarkhadi.																		
B	Umarkhadi.	Attar Gally		53,610	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		B. B. Parel Road			1	1	...	4	7	3	8	...	...	...	...	...	...	...	...	24
		Babula Tank Road			...	...	...	...	2	2	3	...	...	...	...	...	...	...	...	7
		Bengal Pura			...	...	...	...	...	1	4	...	...	...	...	...	...	...	...	5
		Bhisty Mohalla			...	...	...	...	2	1	2	...	...	...	...	...	...	...	...	5
		Chinch Bunder Road			...	...	...	1	...	1	2	...	...	...	...	...	...	...	...	4
		1st Chinch Bunder Road			...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	2
		Dongree Street			...	...	...	3	...	...	7	...	1	...	...	...	...	...	...	11
		Don Tad Street			...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Jail Road, East			...	1	...	2	1	3	4	...	1	...	...	...	...	...	...	12
		Jail Road, South			...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	4
		Jail Road, South Cross Lane			...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Jail Road, North			...	...	...	...	...	6	...	...	1	...	...	...	...	...	...	7
		Jakheria Musjid Street			...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Kambeker Street			...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Memonwada Road			...	...	...	...	...	1	7	...	...	...	...	...	...	...	...	8
		Nishanpada Road			...	...	...	2	...	4	12	...	...	...	...	...	...	...	...	18
		Nishanpada Cross Lane			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Nagdevi Street			...	...	...	1	...	1	9	...	...	...	...	...	...	...	...	11
		Old Nagpada			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Pathan Wady			...	...	...	...	2	1	2	...	...	...	...	...	...	...	...	5
		Pydhoni Road			...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	2
		Pinjari Gally			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Samuel Street			...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Tely Gally			...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Tantanpura Road			...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	3
		Tandel Street Cross Lane			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Tandel Street			...	...	...	...	1	...	9	...	...	...	...	...	...	...	...	10
		Umarkhadi Road			...	...	...	1	6	2	6	...	...	1	1	...	...	...	...	17
		Umarkhadi Cross Lane			...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Imamwada Compound			...	...	...	...	2	1	1	...	...	...	...	...	...	...	...	4
		Imamwada Road			...	...	...	...	1	1	7	...	...	...	...	...	...	...	...	9
		Dongri.																		
B	Dongri.	Argyle Road		83,663	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	3
		Clive Road			...	...	...	1	5	3	...	...	...	...	...	...	...	...	...	9
		Chinch Bunder, Valpakhady			...	...	...	...	12	6	4	...	1	...	...	...	...	...	...	23
		Chinch Bunder Road			...	1	...	...	8	2	...	...	...	...	...	...	...	...	...	11
		Chinch Bunder, 2nd Cross Lane			...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dongree Street			...	...	...	...	2	2	4	...	...	...	...	...	...	...	...	8
		Frere Road			...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Jail Road, East			...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mazgaon Road			...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	2
		Mahalaxmi Road			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		1st Nowrojee Hill, South			...	...	...	4	6	5	1	...	...	...	...	...	...	...	...	16
		1st Nowrojee Hill, South Cross Lane			...	...	...	...	4	2	...	...	...	...	...	...	...	...	...	6
		1st Nowrojee Hill, Palm			...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		1st Nowrojee Hill, North			1	3	...	...	20	6	...	...	...	...	...	...	...	...	...	30
		2nd Nowrojee Hill, North			...	...	...	...	10	7	...	...	...	1	...	...	...	...	...	18
		Princess Dock			...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Valpakhady			...	...	...	...	2	7	1	...	...	...	...	...	...	...	...	10
		Wari Bunder Junction			...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		1st Nowrojee Hill, 1st Cross Lane			...	...	...	3	4	1	...	...	...	...	...	...	...	...	...	8
		Kalyan Street			...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		1st Nowrojee Hill, North, 2nd Cross Lane			...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Market.																		
C	Market.	Abdul Rehman Street		85,905	...	...	...	...	1	...	7	...	...	...	...	...	...	...	...	8
		1st Agiary Lane			...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chumpa Lane			...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Carnac Road			...	...	...	...	2	...	...	...	...	4	...	...	...	...	...	6
		Dhunjee Street			...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Ganeshwadi			...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Kalbadevi Road			...	5	...	...	11	...	...	...	...	...	...	...	...	...	...	16
		Lohar Chawl			...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Lad Wadi			...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.				Population by census of 1906.	Races.														
Ward.	Section.	Street.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Low Hindus, Caste.	Musalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Market—*contd.*																		
		Mumbadevi Road	...	36,905	1	1	...	...	11	...	...	...	...	...	...	...	...	...	...	13
		Mirza Street	...		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Musjid Bunder	...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		New Hanuman Lane	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Old Hanuman Lane	...		1	1	1	...	12	...	...	...	...	...	...	...	...	...	...	15
		Oval Wadi	...		...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
		Princess Street	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
C	Market.	Picket Road	...		...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	1
		Shamabet Street	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Sutar Chawl	...		1	...	...	...	5	...	1	...	...	...	...	...	...	...	...	7
		Shaik Memon Street	...		...	2	...	...	12	...	1	...	...	...	...	...	...	...	...	15
		Shekadi Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tak Wadi	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Tel Wadi	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Vithalwadi	...		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		Vithoba Lane	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dhobi Talao.																		
		Cavel Street	...	86,594	2	1	...	...	14	...	...	...	...	8	...	...	...	...	...	25
		Chandanwady	...		...	1	...	...	10	4	...	...	...	2	...	...	...	...	...	17
		Dhobi Talao, 1st Lane	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Dhobi Talao, 2nd Lane	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Dadysett Agiary Street	...		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Dady Santok Lane	...		...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	5
		Dhuswady	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Girgaum Road	...		...	...	...	1	9	...	2	...	...	...	...	...	...	...	...	12
		Hamalwady	...		...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
		Kolbhatwady	...		3	...	2	...	17	...	...	...	...	...	...	...	...	...	...	22
		Kolbhat Street	...		...	1	...	2	6	...	1	...	...	...	...	...	...	...	...	10
C	Dhobi Talao.	Kolbhat, 1st Lane	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kalbadevi Road	...		...	3	...	...	7	...	...	...	...	...	...	...	...	...	...	10
		Lohar Street	...		...	...	...	...	1	...	2	2	...	...	...	...	...	...	...	5
		Marine Line, 1st Lane	...		...	...	...	...	1	4	...	...	...	7	...	...	...	...	...	12
		Marine Line, 3rd Lane	...		...	...	...	...	5	1	...	2	...	...	...	...	...	...	...	8
		Marine Line, 4th Lane	...		...	...	...	...	2	...	...	3	...	...	...	...	...	...	...	5
		Princess Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Queen's Road	...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Sonapur Street	...		...	2	...	...	10	...	...	...	...	3	...	...	...	...	...	15
		Sonapur, 2nd Lane	...		...	...	...	...	3	1	2	...	...	...	...	...	...	...	...	6
		Trinity Street	...		1	...	...	1	6	...	...	7	...	...	...	...	...	...	...	15
		Vanka Moholla	...		...	...	...	...	3	...	...	2	...	...	...	...	...	...	...	5
		Wellington Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Fanaswady.																		
		Anantwady	...	29,240	...	2	...	...	2	...	...	...	...	...	...	...	...	...	...	4
		Bhasker Lane	...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Bhuleshwar Road	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dadysett Agiary Street	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dukarwady	...		...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	3
		Dhuswady	...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
C	Fanaswady.	Fanaswady	...		1	6	2	...	30	...	...	...	...	...	...	...	...	...	...	39
		Fanaswady, 2nd Lane	...		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Girgaum Road	...		1	1	...	...	20	...	3	2	...	3	...	...	...	...	...	30
		Nawi Wady	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Ladwady	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Thakurdwar Road	...		1	...	...	...	4	...	5	...	...	...	...	...	...	...	...	10
		Sonapur Street	...		...	1	...	...	3	1	...	...	...	...	...	...	...	...	...	8
		Zaoba's Wady	...		1	8	...	...	9	...	...	...	...	...	...	...	...	...	...	18
		Bhuleshwar.																		
		Alli Umar Street	...	38,129	...	...	...	...	1	...	5	...	...	...	...	...	...	...	...	6
		Bhuleshwar Road	...		1	5	...	...	7	...	...	...	...	...	...	...	...	...	...	13
		Banian Street	...		2	...	...	...	4	...	...	...	...	...	...	...	...	...	...	6
C	Bhuleshwar.	Bapoo Khote Street	...		1	...	1	...	6	...	5	...	...	...	...	...	...	...	...	11
		Bhoiwada, 1st Lane	...		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Bhoiwada, 2nd Lane	...		1	1	2	...	4	...	...	...	...	...	...	...	...	...	...	8
		Bhoiwada, 3rd Lane	...		4	3	...	...	6	...	...	...	...	...	...	...	...	...	...	13
		Bhendi Bazar, Parel Road	...		2	...	...	...	4	...	2	...	...	...	...	...	...	...	...	8
		Bora Street	...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.			Population by Census of 1906.	Races.													
Ward.	Section.	Street.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists	Unknown.	Total.
		Bhuleshwar—*contd.*																	
	Bhuleshwar.	Cathedral Street	88,129	...	3	...	...	2	...	...	...	...	...	...	...	...	...	...	5
		Cawasji Patel Tank Road ...		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Erskine Road		...	...	...	...	1	...	3	...	...	...	...	...	...	...	...	4
		Ghogari Mohalla ...		2	...	...	...	1	...	2	...	...	...	...	...	...	...	...	5
		Girgaum Back Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kalbadevi Road ...		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Kika Street		2	...	2	...	8	...	...	...	...	...	...	...	...	...	...	12
		Kasi Street		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Marcoty Lane		1	3	...	...	1	...	...	...	...	...	...	...	...	...	...	5
		Musjid Street		...	...	...	...	5	...	5	...	...	...	...	...	...	...	...	10
		Nizam Street		...	...	1	...	1	1	6	2	...	...	...	...	...	...	...	11
		Punchayet Wadi ...		1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	3
		Pinjrapole Street ...		2	2	1	...	10	...	3	...	...	...	...	...	...	...	...	18
		Pinjrapole Street, 1st ...		...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
		Pinjrapole Street, 3rd ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Pophalwady, 1st ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Do. 2nd ...		1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Do. 3rd ...		1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Khara Talao.																	
	Khara Talao.	Agiary Street	26,835	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Bapty Road		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Baloo Street		...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3
		B. B. Parel Road ...		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Chimna Butcher Street ...		...	...	...	...	...	1	5	...	...	...	...	...	...	...	...	6
		2nd Cooper Street ...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		1st Cooper Street ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Duncan Road		...	1	...	...	6	2	1	...	...	...	...	...	...	...	...	10
		Dharamsey Street ...		...	...	...	...	1	...	3	...	...	...	...	...	...	...	...	4
		Dharamsey Cross Lane ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Doctor Street		...	1	...	...	...	...	3	...	...	...	...	...	...	...	...	4
		Dhabu Street		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		Erskine Street		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Grant Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Guzar Street		...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	2
		Khoja Street		...	1	...	...	3	1	1	...	...	...	...	...	...	...	...	6
		Khara Talao Street ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Mutton Street		...	...	...	...	2	...	3	...	...	...	...	...	...	...	...	5
		Pakmodia Street ...		...	...	...	...	...	1	10	...	...	...	...	...	...	...	...	11
		Sandhurst Street ...		...	...	...	...	1	3	1	...	...	...	...	...	...	...	...	5
		Yacoob Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Kumbharwada.																	
	Kumbharwada.	Ardeshir Dady Street	53,784	...	...	...	...	3	2	...	...	...	...	...	...	...	...	...	5
		Ardeshir Dady Cross Lane ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Bhandari Street		...	...	...	...	7	...	1	...	...	...	...	...	...	...	...	8
		Bapty Road		...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	3
		C. P. Tank Road		...	3	...	...	4	...	...	...	...	...	...	...	...	...	...	7
		1st Carpenter Street ...		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		2nd Carpenter Street ...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	6
		Durgadevi Street ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		2nd Duncan Cross Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Duncan Road		...	1	...	...	5	1	1	...	...	...	...	...	...	...	...	8
		Falkland Road		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Grant Road		...	...	...	...	2	1	1	...	...	...	...	...	...	...	...	4
		Islampura Street ...		...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	4
		Kumbharwada Street ...		...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	18
		Khetwadi Main Road ...		...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	2
		Northbrook Street ...		...	1	...	...	13	2	...	...	...	...	...	...	...	...	...	16
		1st Pathan Street ...		...	...	...	...	10	2	...	...	...	...	...	...	...	...	...	12
		Sandhurst Road... ...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		2nd Pathan Street ...		...	...	1	...	7	1	1	...	...	...	...	...	...	...	...	10
		Khetwadi.																	
	Khetwadi.	Charni Road	See page 128	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chunam Kiln Road ...		...	1	...	2	4	...	...	...	...	...	...	...	...	...	...	7
		Falkland Road		...	...	...	...	3	...	1	1	...	...	...	...	...	...	...	5
		Do. 2nd Cross Lane ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Do. 3rd Cross Lane ...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.				Population by Census of 1906.	Races.														
Ward.	Section.	STREET.			Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Khetwadi—*contd.*																		
	Khetwadi.	Falkland 4th Cross Lane	...	33,679	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Do. 5th Cross Lane	...		...	...	...	...	6	...	1	...	...	...	...	...	...	...	...	7
		Do. 6th Cross Lane	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Do. 8th Cross Lane	...		...	...	...	1	3	1	...	...	...	...	...	...	...	...	...	5
		Girgaum Back Road ...	...		...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	3
		Grant Road	...		...	1	...	...	2	1	...	1	...	...	...	...	...	...	...	5
		Khetwadi Main Road ...	...		...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	4
D		Do. 2nd Lane ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 5th Lane ...	...		...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	8
		Do. 6th Lane ...	...		...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	3
		Do. 8th Lane ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 9th Lane ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Do. 10th Lane ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		3rd Parsiwada Lane ...	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Trimbak Parashram Street	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Ardeshir Dady Street ...	...		...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Khetwadi Back Road ...	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Girgaum.																		
		Borbhat La[illegible] Lane ...	...	28,449	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Charni Road	...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Girgaum Road ...	...		...	5	...	...	11	...	...	...	...	...	...	...	...	...	...	16
		Girgaum Back Road ...	...		...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	3
		Kakadwadi Lane ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kandewadi Lane ...	...		...	...	...	3	4	...	...	...	...	...	...	...	...	...	...	7
		Kelewadi Lane	...		...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	3
D	Girgaum.	Khattar Lane	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Khotachi Wadi... ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mugbhat Street ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mugbhat Cross Lane ...	...		...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	11
		Thakurdwar Road ...	...		...	1	...	2	6	1	1	...	...	...	...	...	...	...	...	11
		Ambe Wadi	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mangal Wadi	...		...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
		Oval Wadi	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Pimpal Wadi	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chaupati.																		
		Bhatwadi Barki Sheri...	...	18,033	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Dammer Lane	...		...	...	1	...	8	...	...	...	...	...	...	...	...	...	...	9
		French Road	...		...	...	1	...	6	...	...	...	...	...	...	...	...	...	...	7
		Girgaum Road	...		...	...	...	...	5	...	1	...	...	...	...	...	...	...	...	6
D	Chaupati.	Girgaum Back Road ...	...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Queen's Road	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Bavan Khani	...		...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Muluk Wadi	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3
		Paper Mill Lane ...	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Walkeshwar.																		
		Banganga Cross Lane ...	...	13,685	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
D	Walkeshwar.	Banganga Temple Compound..	...		...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Ridge Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Walkeshwar Road ...	...		...	...	...	2	3	...	...	...	...	...	...	...	...	...	...	5
		Hughes Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Mahalakshmi.																		
		Tardeo Road	...	21,660	...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	13
		Mahalakshmi Temple Compound	...		1	...	...	...	3	1	...	...	...	...	...	...	...	...	...	5
		Warden Road	...		...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	4
		Arthur Road	...		...	...	...	...	7	4	1	...	...	...	...	...	...	...	...	12
		Falkland Road	...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
D	Mahalakshmi.	Gowalia Tank Road ...	...		...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	3
		Forjett Lane	...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Sleater Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bellasis Road	...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Ward.	Section.	Street.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Mazagaon.																	
E	Mazagaon.	Albert Road	30,372	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Belvedere Road...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Bhandarwada Road		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Church Street		...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	3
		Chimaji Banuji Street... ...		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		1st Carpenter Street		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		2nd Carpenter Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		3rd Carpenter Street		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		DeLima Street		...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	3
		[illegible] Street		...	...	...	...	5	1	1	...	...	...	...	...	...	...	...	7
		Dockyard Road		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Gunpowder Road		1	...	...	...	27	3	3	...	...	...	...	...	...	...	...	34
		Ghorupdeo Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Mazagon Road		3	...	...	...	7	...	...	1	...	3	...	...	...	...	...	14
		Mhatarpakhadi Road		...	...	...	...	12	1	...	...	...	1	...	...	...	...	...	14
		Magazine Road		...	...	...	...	5	...	2	...	...	...	...	...	...	...	...	7
		Muzaverpakhadi		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Nabob Tank Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	9
		Reay Road		...	...	...	...	5	2	2	...	...	...	...	...	...	...	...	9
		Tank Bunder Road		2	1	...	...	3	1	2	...	...	...	...	...	...	...	...	7
		Mount Road		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	5
		Wari Bunder Road		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	6
		Victoria Road		...	...	...	...	2	1	5	...	...	...	...	...	...	...	...	8
		Tarwadi.																	
E	Tarwadi.	Babula Tank Road	26,278	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Connaught Road		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Mazagaon Road...		1	...	...	...	10	...	2	...	...	...	...	...	...	...	...	13
		Nesbit Road		...	...	...	...	1	7	...	1	...	...	...	...	...	...	...	10
		Parel Road		1	...	...	...	14	...	3	...	...	...	1	...	...	...	...	19
		Sussex Road		...	...	...	...	4	...	1	...	...	...	...	...	...	...	...	5
		Victoria Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Chinchpoogli Road		...	...	...	...	24	1	1	...	...	...	...	...	...	...	...	26
		Ghorupdeo Road		2	...	...	...	10	1	1	...	...	...	...	...	...	...	...	14
		2nd Nagpada.																	
E	2nd Nagpada.	Duncan Road	22,016	...	1	...	...	4	3	1	...	...	...	...	...	...	...	...	9
		Undria Street		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		Tank Street		...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	4
		Temker Street		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		Bellasis Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Kazipura Street		...	...	...	...	...	3	1	...	...	...	...	...	...	...	...	4
		Huseria Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Khandia Street		...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2
		Kamathipura.																	
E	Kamathipura.	1st Lane	36,484	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		2nd do.		...	...	...	...	8	1	1	...	...	...	...	...	...	...	...	10
		3rd do.		...	...	...	...	7	...	2	...	...	...	...	...	...	...	...	9
		4th do.		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		5th do.		...	...	...	...	9	...	1	...	...	...	...	...	...	...	...	14
		6th do.		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		7th do.		...	...	1	...	3	...	...	...	...	...	...	...	...	...	...	4
		8th do.		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		9th do.		...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		10th do.		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		11th do.		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		12th do.		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		13th do.		...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	5
		14th do.		...	...	...	...	2	1	1	...	...	...	...	...	...	...	...	4
		15th do.		...	...	...	...	3	2	1	...	...	...	...	...	...	...	...	6
		Duncan Road		1	...	...	...	3	4	...	...	...	1	...	...	...	...	...	9
		Stable Street		...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	7
		Northbrook Street		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Bapty Road		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Bazar Road		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
		Centre Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Bellasis Road		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1

35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.				Races.															
Ward.	Section.	Street.	Population by Census of 1906.	Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Tardeo.																	
E	Tardeo.	Gilder Street	28,193	...	...	...	...	16	3	1	...	...	...	...	...	...	...	...	20
		Bapty Road Cross Lane		...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2
		Bapty Road		...	...	...	...	4	1	3	...	...	...	...	...	...	...	...	8
		Forse Road		...	...	...	...	7	...	1	...	...	...	...	...	...	...	...	8
		Bellasis Road		...	...	...	...	3	2	2	...	...	...	...	...	...	...	...	7
		Jairajbhai Street		...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	3
		Suklajee Street		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Falkland Road		1	...	...	...	3	...	...	...	...	1	...	...	...	...	...	5
		Arab Lane		...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	3
		Grant Road		...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2
		Byculla.																	
E	Byculla.	Agripada	76,388	...	...	...	...	25	6	17	...	...	...	...	...	...	...	...	48
		Bellasis Road		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Ghellabhai Street		...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3
		Gilder Street		...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	14
		Kalapani Street		...	...	...	...	...	1	11	...	...	...	...	...	...	...	...	12
		Mahomedan Street		...	...	...	...	1	3	5	...	...	...	...	...	...	...	...	9
		Morland Road		...	...	...	...	5	12	1	...	...	...	...	...	...	...	...	18
		Ripon Road		3	...	...	1	10	7	15	...	...	...	...	...	...	...	...	36
		Arthur Road		2	...	...	1	10	5	...	...	...	...	...	...	...	...	...	18
		Chambar Lane		...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	3
		Clare Road		...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
		Clerk Road		...	...	...	...	36	6	2	...	...	...	1	...	...	...	...	45
		DeLisle Road		...	...	...	...	29	19	...	...	1	...	2	...	...	...	...	51
		DeLisle Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Haines Road		1	2	...	...	21	10	...	...	...	...	...	...	...	...	...	34
		Sunder Lane		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Kalachowki Road		1	...	...	...	9	1	3	...	...	...	...	...	...	...	...	14
		Kalachowki Cross Lane		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Parel Road		2	...	...	...	9	...	3	...	...	2	...	...	...	...	...	16
		1st Nagpada.																	
E	1st Nagpada.	Bellasis Road	3,335	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		New Nagpada Road		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Parel Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		2nd Peerkhan Lane		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		3rd " "		...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
		4th " "		...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
		Parel.																	
F	Parel.	Arthur Road	46,168	...	...	...	...	13	1	1	...	...	1	...	...	...	...	...	16
		Bhoiwadi Cross Road		...	1	...	...	5	...	...	...	...	...	...	...	...	...	...	6
		Bhoiwadi Road		...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
		Currey Road		3	...	...	...	5	5	...	...	...	...	...	...	...	...	...	15
		Elphinstone Road		...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	3
		Government House Compound		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Government Gate Road		...	...	...	...	15	1	...	...	...	...	...	...	...	...	...	16
		Government House Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Jijeebhai Lane		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Kalachowky Road		3	...	...	...	28	1	1	...	...	...	...	...	...	...	...	33
		Lal Wady		...	...	...	...	6	1	...	...	...	...	...	...	...	...	...	7
		Parel Tank Road		1	...	...	...	7	2	...	...	...	...	...	...	...	...	...	10
		Parel Village		...	2	...	...	30	...	...	...	...	...	...	...	...	...	...	32
		Parel Road		3	...	...	...	8	...	...	...	...	...	...	...	...	...	...	11
		Parel Back Road		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Peru's Chawl		...	...	...	...	3	1	...	...	...	...	...	...	...	...	...	4
		Suparibaug Road		...	2	...	...	17	...	1	...	...	1	...	...	...	...	...	21
		Tulsiram Pada		...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	10
		Sewri.																	
F	Sewri.	Bhoiwadi	15,965	...	...	...	...	1	...	...	...	...	4	...	...	...	...	...	5
		Bhoiwadi Road		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Golunge Hill Road		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2
		Jakeria Bunder		...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
		Parel Tank Road		...	...	...	...	24	...	...	...	...	...	...	...	...	...	...	24
		Sewri New Road		...	1	...	...	14	1	...	...	...	...	...	...	...	...	...	16
		Sewri Koliwada		...	1	...	...	7	1	...	...	...	...	...	...	...	...	...	9
		Sewri Cross Road		...	1	...	...	5	1	1	...	...	...	...	...	...	...	...	8
		Sewri Road		...	1	...	...	5	...	...	...	...	...	...	...	...	...	...	6
		Sewri Agriwada		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2

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35—*continued.*

TABLE showing the Number of Plague Deaths by Streets and Races during 1910—*continued.*

Locality.			Population by Census of 1901.	Races.															
Ward.	Section.	Street.		Jains.	Brahmins.	Lingaits.	Bhatias.	Hindus of Other Castes.	Hindus, Low Caste.	Mussalmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro Africans.	Buddhists.	Unknown.	Total.
		Sion.																	
		Bhoiwadi Cross Road		...	...	...	...	4	1	...	...	..	...	...	...	...	...	...	5
		Bhoiwadi Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bhoiwadi		...	...	...	...	1	...	...	...	..	1	...	...	...	...	...	2
		Dadar Road		...	...	...	...	6	8	1	...	...	...	...	...	...	...	...	15
		Dadar Station		...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Gowari Village... ...		...	...	...	...	8	...	...	...	...	8	...	...	...	...	...	16
		Khara Matunga		...	...	...	...	1	...	...	...	...	3	...	...	...	...	...	4
		Matunga Agriwada ...		...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	4
		Matunga Bhundarwada ...		1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	4
F	Sion.	Matunga Maharwada	30,515	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
		Matunga Road		1	...	...	...	2	...	...	...	...	2	...	...	...	...	...	5
		Naigaum Cross Road ...		1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	3
		Naigaum Road		...	2	...	...	10	...	...	...	...	...	...	...	...	...	...	12
		Sewri Cross Road ...		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Sion Road		1	...	...	...	2	1	1	...	...	...	...	...	...	...	...	5
		Sion Agriwada		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Sion Koliwada		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		[illegible]cent Road		...	1	...	...	12	6	1	...	...	1	...	...	...	...	...	21
		[illegible] Village		...	...	...	...	7	...	1	...	...	...	...	...	...	...	...	3
		[illegible]ata Road		2	...	...	...	11	1	...	...	...	...	...	...	...	...	...	14
		Mahim.																	
		Agar Bazaar		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Bazaar Road		...	...	...	...	15	1	...	...	...	2	...	...	...	...	...	18
		Chowri Gully		...	...	...	...	3	2	...	...	...	...	...	...	...	...	...	5
		Dharavi Road		...	...	...	...	18	16	5	...	...	1	...	...	...	...	...	40
G		Gopitank Lane... ...		...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	5
		Kapad Bazaar Lane ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Mahim.	Lohar Chawl Lane ...	31,178	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Lady Jamshedjee Road		...	2	...	...	40	...	...	1	...	4	...	...	...	...	...	47
		Mogul Gully		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Mori Road		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Old Parbhadevi Road ...		...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	4
		Pancha Kumbhar Lane		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Woollen Mill Lane ...		...	...	...	...	8	...	...	...	...	3	...	...	...	...	...	11
		Worli.																	
		Arthur Road		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Breach Candy Road ...		...	...	...	...	25	3	2	...	...	...	...	...	...	...	...	30
		Currey Road		...	...	...	...	26	2	...	...	...	...	...	...	...	...	...	28
		Clerk Road		...	...	...	...	4	2	...	...	...	...	...	...	...	...	...	6
		Cleveland Road ...		...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
		Carroll Road		...	...	...	...	2	3	...	...	..	...	...	...	...	...	...	5
		DeLisle Road		1	1	1	...	67	30	3	...	...	2	...	...	...	...	...	105
		Dadar Junction Road ...		...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Dhobiwada Road		...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	3
		Dadar Kumbharwada...		...	4	...	...	16	...	...	...	...	...	...	...	...	...	...	20
		Dadar Gully		...	2	...	...	4	...	2	...	...	...	...	...	...	...	...	8
	Worli.	Dhobi Mill Kumbharwada ...	69,488	...	...	...	...	25	4	...	...	...	...	...	...	...	...	...	27
		Elphinstone Road ...		...	...	...	...	17	11	...	...	...	1	...	...	...	...	...	29
		Fergusson Road ...		...	2	...	...	51	3	3	...	...	...	...	...	...	...	...	59
		First Pakadi		...	1	...	...	31	...	...	...	...	...	...	...	...	...	...	32
		Haines Road		...	...	...	...	13	1	1	...	...	...	...	...	...	...	...	15
		Khed Tank Gully ...		...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	6
		Koliwada (Worli) ...		...	...	...	...	21	...	2	...	...	5	...	...	...	...	...	28
		Middle Pakadi		...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	7
		Nawapada		...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	9
		New Parbhadevi Road ...		...	...	...	...	20	4	...	...	...	...	...	...	...	...	...	24
		Old Parbhadevi Road ...		...	...	...	...	34	...	...	...	...	...	...	...	...	...	...	34
		Portuguese Church Road		...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	
		Harbour, Docks, Railways and Homeless.																	
		Harbour	82,240	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	

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